Air Quality, Greenhouse Gas Emissions, and Energy Technical Report

2240 Fleetwood Drive Industrial Building

MARCH 2026

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
AB	Assembly Bill
ACC	Advanced Clean Cars Program
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
AQMP	Air Quality Management Plan
ATCM	Airborne Toxic Control Measures
BenMAP	Benefits Mapping and Analysis Program
BEV	battery-electric vehicle
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California Green Building Standards
CalRecycle	California Department of Resources Recycling and Recovery
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CBTP	community-based travel planning
CDPH	California Department of Public Health
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CFC	chlorofluorocarbon
CH_4	methane
City	City of Jurupa Valley
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
EIA	U.S. Energy Information Administration
EIR	environmental impact report
EISA	Energy Independence and Security Act of 2007
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EUI	Energy Use Intensity
EV	electric vehicle
GHG	greenhouse gas
GPA	General Plan Amendment
GWP	global warming potential
HAP	hazardous air pollutant
HCFC	hydrochlorofluorocarbon

Acronym/Abbreviation	Definition
HFC	hydrofluorocarbon
HI	hazard index
HIA	health impact assessment
HPI	Healthy Places Index
HRA	health risk assessment
I	Interstate
IPCC	Intergovernmental Panel on Climate Change
kBTU	thousand British thermal units
kW	kilowatt
kWh	kilowatt-hours
LAO	Legislative Analyst's Office
LCFS	Low Carbon Fuel Standard
LEV	Low-Emission Vehicle
LOS	level of service
LST	localized significance threshold
MATES V	Multiple Air Toxics Exposure Study V
MERV	Minimum Efficiency Reporting Value
MICR	maximum individual cancer risk
MM	Mitigation Measure
MMT	million metric ton
MPO	metropolitan planning organization
MT	metric ton
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NF_3	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
O_3	ozone
OEHHA	Office of Environmental Health Hazard Assessment
PFC	perfluorocarbon
PHEV	plug-in hybrid electric vehicle
PM	particulate matter
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
ppm	parts per million
project	2240 Fleetwood Drive Industrial Building Project
PV	photovoltaic
RFS	Renewable Fuel Standard
ROC	reactive organic compound
RPS	Renewables Portfolio Standard

Acronym/Abbreviation	Definition
RTP	Regional Transportation Plan
SAFE	Safer Affordable Fuel-Efficient
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SF_6	sulfur hexafluoride
SJVAPCD	San Joaquin Valley Air Pollution Control District
SLCP	short-lived climate pollutant
SO_2	sulfur dioxide
SoCalGas	Southern California Gas Company
SO_x	sulfur oxides
SR	State Route
SRA	source receptor area
TAC	toxic air contaminants
TDM	transportation demand management
TMA	Transportation Management Associations
TRU	Transport Refrigeration Unit
VMT	vehicle miles traveled
VOC	volatile organic compound
ZEV	zero emission vehicle

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Executive Summary

The purpose of this technical report is to assess the potential air quality, greenhouse gas (GHG) emissions, and energy impacts associated with implementation of the proposed 2240 Fleetwood Drive Industrial Building Project (project) in the City of Jurupa Valley (City). This assessment utilizes the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.) and is based on the emissions-based significance thresholds recommended by the South Coast Air Quality Management District (SCAQMD) for air quality and other applicable thresholds of significance.

Project Overview

The project proposes to construct and operate an 81,500 square feet (inclusive of approximately 55,000 square feet for manufacturing purposes and 20,000 square feet of fabrication, 3,250 square feet of office space, and 3,250 mezzanine space used for tire recycling uses[1]) on an approximately 9.70-acre project site in the City of Jurupa Valley in Riverside County. The project site is located at 2240 Fleetwood Drive, south of the intersection of Via Ricardo and Fleetwood Drive.

Air Quality

The air quality impact analysis evaluates the potential for adverse impacts to air quality due to construction and operational emissions resulting from the project. Impacts were evaluated for their significance based on the SCAQMD mass daily criteria air pollutant thresholds of significance. Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}, also known as coarse particulate matter), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$, also known as fine particulate matter), and lead. Pollutants that are evaluated include volatile organic compounds (VOCs) (also referred to reactive organic gases), oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. VOCs and NO_x are important because they are precursors to O_3.

Air Quality Plan Consistency

SCAQMD has established two criteria for determining consistency with the AQMP, currently the 2022 AQMP, in Chapter 12, Sections 12.2 and 12.3, in the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993).

Consistency Criterion No. 1 is "The project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP" (SCAQMD 1993). As discussed below, project construction-source and operational-source emissions would not exceed applicable SCAQMD regional thresholds. As such, the project's criteria air pollutant emissions would not have the potential to increase the frequency or severity of a

[1] The project proponent operates an existing tire recycling facility (BJ Tire Facility) in the City of Fontana which may be relocated. However, because the project represents a new use in the City of Jurupa Valley the project was evaluated as a new use with operational information from the existing facility used to inform the analysis.

violation in the federal or state ambient air quality, as such the project would not conflict with Consistency Criterion No. 1 of the SCAQMD CEQA Air Quality Handbook.

Consistency Criterion No. 2 is "The project will not exceed the assumptions in the AQMP, or increments based on the year of project buildout and phase" (SCAQMD 1993). The 2022 AQMP accommodates planned growth in the SCAB. Projects are considered consistent with the 2022 AQMP and would not conflict with or obstruct implementation of the 2022 AQMP, if the growth in socioeconomic factors (e.g., population, employment) is consistent with the underlying regional plans used to develop the AQMP. The City of Jurupa Valley adopted its first locally prepared General Plan on September 7, 2017 as such presumably the growth assumptions and development plans within the General Plan are reflected in 2022 AQMP. The project would construct an 84,200 square foot industrial building on underutilized land that is designated Heavy Industrial under the City's General Plan and zoned Manufacturing-Heavy (M-H) under the City's municipal code. The project would be consistent with the City's General Plan designation and zoning; accordingly, the project's development would be within the growth assumptions developed by SCAG for incorporation into the 2022 AQMP. The project would not conflict with or obstruct implementation of the 2022 AQMP as such the project would not conflict with Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook.

In summary, the project would not conflict with Consistency Criterion No. 1 and Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook, and impacts would be **less than significant**.

Potential to Result in a Cumulatively Considerable Net Increase of Any Nonattainment Criteria Pollutant

Construction Criteria Air Pollutant Emissions

Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). The maximum daily construction emissions would not exceed the SCAQMD's significance thresholds for VOCs, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction. Therefore, the project's construction emissions would have a **less than significant impact**.

Operational Criteria Air Pollutant Emissions

The analysis herein assumed an operational year of 2026. Operation of the project would generate operational criteria air pollutants from mobile sources (vehicles), area sources (consumer product use, architectural coatings, and landscape maintenance equipment), and energy (natural gas). The maximum daily operational emissions would not exceed the SCAQMD's operational significance thresholds for VOCs, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$. Therefore, the project's operational emissions would have a **less than significant impact**.

Construction and Operational Criteria Air Pollutant Emissions

The potential for a project to result in a cumulatively considerable impact is based on the project's potential to exceed the project-specific daily thresholds. All criteria air pollutant emissions for construction and operation are below the SCAQMD's thresholds of significance, resulting in a less than significant impact. Because the construction and operational emissions would not exceed the SCAQMD's significance thresholds for VOCs, NO_x, CO, SO_x, PM_{10},

or $PM_{2.5}$, the project would not result in a cumulatively considerable increase in criteria air pollutants. The impact would be **less than significant.**

Exposure of Sensitive Receptors

Localized Significance Thresholds

A localized significance threshold (LST) analysis consistent with the SCAQMD guidance was prepared to determine potential impacts to nearby sensitive receptors during construction of the project. Construction of the project would not result in emissions of NO_2, CO, PM_{10}, or $PM_{2.5}$ that would exceed the applicable SCAQMD LSTs. As such, the project would result in a **less than significant impact** related to construction LSTs.

Although the project does not include stationary sources, it does include onsite emissions from offroad equipment handling deliveries and truck traffic, as such an operational LST analysis was prepared for disclosure purposes. Operation of the project would not result in emissions of NO_2, CO, PM_{10}, or $PM_{2.5}$ that would exceed the applicable SCAQMD LSTs. As such, the project would result in a **less than significant impact** related to operational LSTs.

Carbon Monoxide Hotspots

The project would not expose sensitive receptors to localized high concentrations of CO or contribute to traffic volumes at intersections that would cause a CO hotspot during construction or operation. As such, potential construction or operational CO hotspot impacts would be **less than significant.**

Health Risk Assessment

Construction

Construction of the project would result in exposure of sensitive receptors (residences) to diesel particulate matter (DPM), which is a toxic air contaminant (TAC). The construction health risk assessment (HRA) determined that the maximum individual cancer risk would not exceed the SCAQMD's threshold of significance. The project's construction health risk would be **less than significant**.

Operation

Operation of the project would also result in exposure of nearby sensitive receptors to DPM from potential diesel-fueled offroad equipment and trucks. The operational HRA prepared for the project determined that the unmitigated operational emissions would not exceed the SCAQMD's thresholds of significance. The project's operational health risk would be **less than significant**.

Cumulative Health Risk

SCAQMD does not have an established cumulative health risk approach but has initiated a public process (including five Working Group meetings as of March 2024) for the development of additional guidance for public agencies when they evaluate cumulative air quality impacts from increased concentrations of TACs for projects subject to the requirements of CEQA. Importantly, as part of this public process, SCAQMD has not included construction health risk in the cumulative health risk analysis recommendations since construction is typically short-term. The project's construction would be considered a short-term health risk and would not contribute to a cumulative health risk.

Furthermore, in accordance with the draft guidance the project's construction health risk would be less than the SCAQMD's threshold of 10 in a million indicating that a project could contribute to a cumulative health risk and requires further analysis (SCAQMD 2023a).

The project's operational health risk was less than the SCAQMD's threshold of 10 in a million. Therefore, it is anticipated that the project would also not result in a cumulatively considerable health risk impact from operation. The potential cumulative health risk associated with project development would be **less than significant.**

Valley Fever

Valley fever is not highly endemic to Riverside County. Nonetheless, to reduce fugitive dust from the project and minimize adverse air quality impacts, the project would employ dust control measures in accordance with SCAQMD Rules 401 and 403. The project would not result in a significant impact attributable to valley fever exposure based on its geographic location and compliance with applicable regulatory standards and dust control measures, which will serve to minimize the release of and exposure to fungal spores. Therefore, impacts associated with valley fever exposure for sensitive receptors would be **less than significant**.

Other Emissions (Odors)

The analysis of other emissions (such as those leading to odors) is focused on the potential for an odor impact to occur. Potential odors produced during project construction would be attributable to architectural coatings, asphalt pavement application, and concentrations of unburned hydrocarbons from tailpipes of construction equipment, all of which would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Impacts associated with odors during construction would be **less than significant**. The project would not include land uses with sources that have the potential to generate substantial odors, and impacts associated with odors during operation would be **less than significant**.

Greenhouse Gas Emissions

GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations and that are evaluated herein include carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHG emissions are measured in metric tons (MT) of CO_2 equivalent (CO_2e), which account for weighted global warming potential factors for CH_4 and N_2O.

Project-Generated Construction and Operational Greenhouse Gas Emissions

The City of Jurupa has not adopted its own numerical threshold of significance for determining impacts with respect to GHG emissions. To determine the project's potential to generate GHG emissions that would have a significant impact on the environment, the project's GHG emissions were estimated and then compared to the SCAQMD interim Tier 3, Option 1 threshold of 3,000 MT CO_2e per year. Per the SCAQMD guidance, construction emissions should be amortized over the operational life of the project, which is assumed to be 30 years (SCAQMD 2008).

The project's GHG emissions would result in annual emissions of 3,062.70 MT CO_2e, which is above the SCAQMD's threshold, accordingly, the project's GHG emissions would not have a **potentially significant** impact on the environment. Implementation of mitigation measures MM-GHG-1 through MM-GHG-4 would reduce GHG emissions

to 2,824.68, which is below the Tier 3 threshold, accordingly, the GHG impact would be **less than significant with mitigation incorporated.**

Potential to Conflict with Applicable GHG Reduction Plans

The City of Jurupa does not have a Climate Action Plan, accordingly, the GHG reduction plans that would be applicable are state and regional plans such as the CARB Scoping Plan and the 2024 Connect SoCal RTP/SCS, respectively. The project was determined to not conflict with applicable GHG reduction plans and regulations; the impact would be **less than significant**.

Energy

Wasteful, Inefficient, or Unnecessary Energy Resource Consumption

The project's construction energy demand would represent a "single-event" energy demand and would not require ongoing or permanent commitment of resources, impacts would be less than significant. Project operations would comply with applicable regulatory measures adopted to reduce energy demand. Based on the preceding, the project's construction and operational demand would be **less than significant.**

Potential to Conflict with or Obstruct a Renewable Energy or Energy Efficiency Plan

The project would be subject to and would comply with, at a minimum, the California Building Energy Efficiency Standards (24 CCR Part 6). Part 6 of Title 24 establishes energy efficiency standards for residential and nonresidential buildings constructed in California to reduce energy demand and consumption. As such, the project would comply with the California Code of Regulations requirements for energy efficiency. Based on the preceding, the project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency, and this impact would be **less than significant**.

Mitigation Measures

MM-GHG-1 Provision of Electrical Infrastructure for Construction and Use of Electric Construction Equipment. After the grading phase of Project construction, the Project Applicant or successor in interest shall provide temporary electrical hook ups to the power grid, rather than diesel-fueled generators, for contractors' electric construction tools, such as saws, drills and compressors. The use of diesel-fueled generators for on-site construction activities shall be prohibited unless electrical infrastructure is not yet available on the Project site. Diesel-fueled generators may be used for off-site construction work. All off-road equipment with a power rating below 19 kilowatts (e.g., plate compactors, pressure washers) used during Project construction must be electric-powered. The Project Applicant or successor in interest shall include these requirements in applicable bid documents, purchase orders, and contracts with successful contractors.

MM-GHG-2 Construction Equipment Idling Restrictions. The idling of heavy construction equipment for more than 5 minutes shall be prohibited. Signage shall be posted throughout the construction site informing construction personnel of the idling time limit. Idling time limits shall be noted in

construction specifications. Subject to all other idling restrictions, heavy construction equipment shall not be left in the "on position" for more than 8 hours per day.

MM-GHG-3 Truck Requirements and Restrictions. Prior to issuance of a certificate of occupancy, the City shall confirm legible, durable, weather-proof signs are placed at truck access gates, loading docks, and truck parking areas that identify applicable California Air Resources Board (CARB) anti-idling regulations. At a minimum, each sign shall include instructions for truck drivers to shut off engines when not in use; instructions for drivers of diesel trucks to restrict idling to no more than 5 minutes once the vehicle is stopped, the transmission is set to "neutral" or "park," and the parking brake is engaged; and telephone numbers of the building facilities manager and CARB to report violations. Prior to the issuance of an occupancy permit, the City shall conduct a site inspection to ensure that the signs are in place.

MM-GHG-4 Off-Road Equipment. Except for the two diesel excavators, the remaining off-road equipment (including yard trucks, hostlers, yard goats, pallet jacks, and forklifts, reach forklifts, etc.) shall be zero-emission. Adequate zero-emission infrastructure, such as charging stations or equivalent support systems, to ensure operational feasibility shall be provided. The property owner or building manager shall be responsible for implementing and maintaining compliance with these requirements throughout the life of the project.

Summary of Findings

The results of this report are summarized in Table ES-1, below, based on the significance criteria in the impact analyses in Sections 2.4 (Air Quality), 3.4 (GHG Emissions), and 4.4 (Energy), and consistent with Appendix G of the CEQA Guidelines.

Table ES-1. Summary of Impact Determinations

Analysis	Report Section	Checklist Question	Significance Determinations	
			Unmitigated	Mitigated
Air Quality				
Would the project conflict with or obstruct implementation of the applicable air quality plan?	2.4.1	AQ-1	Less than Significant	No Mitigation Required
Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	2.4.2	AQ-2	Less than Significant	No Mitigation Required
Would the project expose sensitive receptors to substantial pollutant concentrations?	2.4.3	AQ-3	Less than Significant	No Mitigation is Required
Would the project result in other emissions (such as those leading	2.4.4	AQ-4	Less than Significant	No Mitigation Required

Table ES-1. Summary of Impact Determinations

Analysis	Report Section	Checklist Question	Significance Determinations	
			Unmitigated	Mitigated
to odors) adversely affecting a substantial number of people?				
Greenhouse Gas Emissions				
Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	3.4.1	GHG-1	Potentially Significant	Less than Significant
Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	3.4.2	GHG-2	Less than Significant	No Mitigation Required
Energy				
Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation?	4.4.1	Energy-1	Less than Significant	No Mitigation Required
Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	4.4.2	Energy-2	Less than Significant	No Mitigation Required

Notes: LST = localized significance threshold; CO = carbon monoxide.

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1 Introduction

1.1 Report Purpose and Scope

The purpose of this technical report (report) is to assess the potential air quality, greenhouse gas (GHG) emissions, and energy impacts associated with implementation of the proposed 2240 Fleetwood Drive Industrial Building Project (project). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.) and is based on the emissions-based significance thresholds recommended by the South Coast Air Quality Management District (SCAQMD) and other applicable thresholds of significance.

This introductory chapter provides a description of the project and the project location. Chapter 2, Air Quality, describes the air-quality-related environmental setting, regulatory setting, existing air quality conditions, and thresholds of significance and analysis methodology, and presents an air quality impact analysis per Appendix G of the CEQA Guidelines. Chapter 3, Greenhouse Gas Emissions, describes the GHG-emissions-related environmental setting, regulatory setting, existing climate change conditions, and thresholds of significance and analysis methodology, and presents a GHG emissions impact analysis per Appendix G of the CEQA Guidelines. Chapter 4, Energy, similarly describes the energy-related environmental setting, regulatory setting, existing energy considerations, and thresholds of significance and analysis methodology, Chapter 5, References, includes a list of the references cited. Chapter 6, Preparers, includes a list of those who prepared this technical report.

1.2 Project Location

The project site is in the northeastern portion of the City of Jurupa Valley, which is located in western Riverside County. The project site is located at 2240 Fleetwood Drive, south of the intersection of Via Ricardo and Fleetwood Drive (Figure 1) on Assessor Parcel Numbers (APN) 178-350-024, 178-350-029, and 178-350-030.

1.3 Existing Site Conditions

The project site encompasses 9.70 acres. The project site is currently vacant but has previously been graded and includes a concrete pad area and pea gravel throughout.

1.4 Project Description

The project site is designated as Heavy Industrial under the City's General Plan and zoned Manufacturing-Heavy (M-H) under the City's municipal code. The project is within the City's Aqua Mansa Industrial Corridor Specific Plan.

The project proposes development of an 81,500 square foot industrial building and associated appurtenances, including an equipment yard/storage area, truck scale, and circulation area (Figure 2). Table 1 provides a summary of the proposed industrial building.

Table 1-1. Proposed Industrial Building Summary

Building Area	Square Footage
Warehouse	
Office	3,250
Mezzanine	3,250
Warehouse Storage	48,500
Subtotal Warehouse	*55,000*
Tire Recycling Facility	
Office	3,250
Mezzanine	3,250
Tire Recycling Facility	20,000
Subtotal Tire Recycling Facility	*26,500*
Total Building Square Footage	**81,500**

Source: GAA Architects, 2024.

2 Air Quality

2.1 Environmental Setting

2.1.1 Meteorological and Topographical Conditions

The primary factors that determine air quality are the locations of air pollutant sources and the quantity of pollutants emitted. Meteorological and topographical conditions, however, are also important. Factors such as wind speed and direction, air temperature gradients and sunlight, and precipitation and humidity interact with physical landscape features to determine the movement and dispersal of air pollutants. The South Coast Air Basin (SCAB) air pollution problems are a consequence of the combination of emissions from the nation's second largest urban area, meteorological conditions adverse to the dispersion of those emissions, and mountainous terrain surrounding the SCAB that traps pollutants as they are pushed inland with the sea breeze (SCAQMD 2017). Meteorological and topographical factors that affect air quality in the SCAB are described below.

Climate

The SCAB is characterized as having a Mediterranean climate (typified as semiarid with mild winters, warm summers, and moderate rainfall). The general region lies in the semi-permanent high-pressure zone of the eastern Pacific; as a result, the climate is mild and tempered by cool sea breezes. The usually mild climatological pattern is interrupted infrequently by periods of extremely hot weather, winter storms, or Santa Ana winds. The extent and severity of the air pollution problem in the SCAB is a function of the area's natural physical characteristics (e.g., weather and topography) and of manufactured influences (e.g., development patterns and lifestyle). Moderate temperatures, comfortable humidity, and limited precipitation characterize the climate in the SCAB. The average annual temperature varies little throughout the SCAB, averaging 75°F. However, with a less-pronounced oceanic influence, the eastern inland portions of the SCAB show greater variability in annual minimum and maximum temperatures. All portions of the SCAB have recorded temperatures over 100°F in recent years. Although the SCAB has a semiarid climate, the air near the surface is moist because of the presence of a shallow marine layer. Except for infrequent periods when dry air is brought into the SCAB by offshore winds, the ocean effect is dominant. Periods with heavy fog are frequent, and low stratus clouds, occasionally referred to as "high fog," are a characteristic climate feature. Annual average relative humidity is 70% at the coast and 57% in the eastern part of the SCAB. Precipitation in the SCAB is typically 9–14 inches annually and is rarely in the form of snow or hail because of typically warm weather. The frequency and amount of rainfall is greater in the coastal areas of the SCAB.

Sunlight

The presence and intensity of sunlight are necessary prerequisites for the formation of photochemical smog. Under the influence of the ultraviolet radiation of sunlight, certain "primary" pollutants (mainly reactive hydrocarbons and NO_x) react to form "secondary" pollutants (primarily oxidants). Since this process is time dependent, secondary pollutants can be formed many miles downwind of the emission sources. Southern California also has abundant sunshine, which drives the photochemical reactions that form pollutants such as ozone (O_3) and a substantial portion of fine particulate matter ($PM_{2.5}$, particulate matter [PM] with an aerodynamic diameter less than or equal to 2.5 microns). In the SCAB, high concentrations of O_3 are normally recorded during the late spring, summer, and early autumn months, when more intense sunlight drives enhanced photochemical reactions. Due to the prevailing

daytime winds and time-delayed nature of photochemical smog, oxidant concentrations are highest in the inland areas of Southern California.

Temperature Inversions

Under ideal meteorological conditions and irrespective of topography, pollutants emitted into the air mix and disperse into the upper atmosphere. However, the Southern California region frequently experiences temperature inversions in which pollutants are trapped and accumulate close to the ground. The inversion, a layer of warm, dry air overlaying cool, moist marine air, is a normal condition in coastal Southern California. The cool, damp, and hazy sea air capped by coastal clouds is heavier than the warm, clear air, which acts as a lid through which the cooler marine layer cannot rise. The height of the inversion is important in determining pollutant concentration. When the inversion is approximately 2,500 feet above mean sea level, the sea breezes carry the pollutants inland to escape over the mountain slopes or through the passes. At a height of 1,200 feet above mean sea level, the terrain prevents the pollutants from entering the upper atmosphere, resulting in the pollutants settling in the foothill communities. Below 1,200 feet above mean sea level, the inversion puts a tight lid on pollutants, concentrating them in a shallow layer over the entire coastal basin. Usually, inversions are lower before sunrise than during daylight hours.

Mixing heights for inversions are lower in the summer, resulting in inversions being more persistent during that season. This condition is partly responsible for the high levels of O_3 observed during summer months in the SCAB. Smog in Southern California is generally the result of these temperature inversions combining with coastal day winds and local mountains to contain the pollutants for long periods, allowing them to form secondary pollutants by reacting in the presence of sunlight. The SCAB has a limited ability to disperse these pollutants due to typically low wind speeds and the surrounding mountain ranges.

As with other cities within the SCAB, the City is susceptible to air inversions, which trap a layer of stagnant air near the ground where pollutants are further concentrated. These inversions produce haziness, which is caused by moisture, suspended dust, and a variety of chemical aerosols emitted by trucks, automobiles, furnaces, and other sources.

Elevated concentrations of PM less than 10 microns in diameter (PM_{10}) and $PM_{2.5}$ can occur in the SCAB throughout the year but occur most frequently in fall and winter. The deficit of normal storm systems from late fall through the winter and early spring allow for more stagnant conditions in the SCAB as the lack of storm-related dispersion and rain-out of PM and its precursors. Although there are some changes in emissions by day of the week and season, the observed variations in pollutant concentrations are primarily the result of seasonal differences in weather conditions.

2.1.2 Pollutants and Effects

2.1.2.1 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The national and California standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include O_3, nitrogen dioxide (NO_2), CO, sulfur dioxide (SO_2), PM_{10}, $PM_{2.5}$,

and lead. In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants. These pollutants, as well as TACs, are discussed in the following paragraphs.[2]

Ozone. O_3 is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O_3 precursors. These precursors are mainly NO_x and volatile organic compounds (VOCs). The maximum effects of precursor emissions on O_3 concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O_3 formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O_3 exists in the upper atmosphere O_3 layer (stratospheric O_3) and at the Earth's surface in the troposphere (ground-level O_3).[3] The O_3 that the U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level O_3 is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O_3. Stratospheric, or "good," O_3 occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric O_3 layer, plant and animal life would be seriously harmed.

O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2013).

Inhalation of O_3 causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O_3 can reduce the volume of air that the lungs breathe in, thereby causing shortness of breath. O_3 in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O_3 exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O_3 exposure. While there are relatively few studies on the effects of O_3 on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are several reasons why children may be more susceptible to O_3 and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents, and adults who exercise or work outdoors, where O_3 concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2022b).

Nitrogen Dioxide. NO_2 is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO_2 in the atmosphere is the oxidation of the primary air pollutant nitric oxide, which is a colorless, odorless gas. NO_x plays a major role, together with VOCs, in the atmospheric reactions that produce O_3. NO_x is formed from fuel combustion under high temperature or pressure. In addition, NO_x is an important precursor to acid rain and

[2] The descriptions of the criteria air pollutants and associated health effects are based on the U.S. Environmental Protection Agency's "Criteria Air Pollutants" (EPA 2023c), as well as the California Air Resources Board's "Glossary" (CARB 2022a) and "Fact Sheet: Air Pollution Sources, Effects and Control" (CARB 2009).

[3] The troposphere is the layer of the Earth's atmosphere nearest to the surface of the Earth. The troposphere extends outward about 5 miles at the poles and about 10 miles at the equator.

may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources such as electric utility and industrial boilers. NO_2 can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections (EPA 2023a).

A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the ambient air quality standards for NO_2, results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, several epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO_2 exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with higher levels of exposure compared to children with lower exposure levels. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2022c).

Carbon Monoxide. CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbon, or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas, such as the Project location, automobile exhaust accounts for most CO emissions. CO is a nonreactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November to February. The highest levels of CO typically occur during the colder months of the year, when inversion conditions are more frequent.

CO is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, light-headedness, and dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2022d).

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels near the 1-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing, shortness of breath, and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO_2 (above 1 part per million [ppm]) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of death. Older people and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2022e).

SO_2 is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in PM (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO_2-induced increase in airflow resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO_2 is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

Particulate Matter. PM pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. PM can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and PM_{10} represent fractions of PM. Coarse PM (PM_{10}) consists of PM that is 10 microns or less in diameter, which is about 1/7 the thickness of a human hair. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. Fine PM ($PM_{2.5}$) consists of PM that is 2.5 microns or less in diameter, which is roughly 1/28 the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles and power generation and industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as sulfur oxides (SO_x), NO_x, and VOCs.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the bloodstream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. Whereas PM_{10} tends to collect in the upper portion of the respiratory system, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

Several adverse health effects have been associated with exposure to both $PM_{2.5}$ and PM_{10}. For $PM_{2.5}$, short-term exposures (up to 24-hours duration) have been associated with premature death, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and worldwide based on the World Health Organization's Global Burden of Disease Project. Short-term

exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease, leading to hospitalization and emergency department visits (CARB 2022f).

Long-term exposure (months to years) to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM_{10} are less clear, although several studies suggest a link between long-term PM_{10} exposure and respiratory death. The International Agency for Research on Cancer published a review in 2015 that concluded that PM in outdoor air pollution causes lung cancer (CARB 2022f).

Lead. Lead in the atmosphere occurs as PM. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phaseout of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phaseout of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including IQ performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

Sulfates. Sulfates are the fully oxidized form of sulfur, which typically occur in combination with metals or hydrogen ions. Sulfates are produced from reactions of SO_2 in the atmosphere and can result in respiratory impairment, as well as reduced visibility.

Vinyl Chloride. Vinyl chloride is a colorless gas with a mild, sweet odor, which has been detected near landfills, sewage plants, and hazardous waste sites, due to the microbial breakdown of chlorinated solvents. Short-term exposure to high levels of vinyl chloride in the air can cause nervous system effects, such as dizziness, drowsiness, and headaches. Long-term exposure through inhalation can cause liver damage, including liver cancer.

Hydrogen Sulfide. Hydrogen sulfide is a colorless and flammable gas that has a characteristic odor of rotten eggs. Sources of hydrogen sulfide include geothermal power plants, petroleum refineries, sewers, and sewage treatment plants. Exposure to hydrogen sulfide can result in nuisance odors, as well as headaches and breathing difficulties at higher concentrations.

Visibility-Reducing Particles. Visibility-reducing particles are any particles in the air that obstruct the range of visibility. Effects of reduced visibility can include obscuring the viewshed of natural scenery, reducing airport safety, and discouraging tourism. Sources of visibility-reducing particles are the same as for $PM_{2.5}$.

Volatile Organic Compounds. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O_3 are referred to and regulated as VOCs (also referred to as reactive organic gases). Combustion engine exhaust, oil refineries, and fossil-fueled power plants are sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of VOCs result from the formation of O_3 and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate ambient air quality standards for VOCs as a group.

2.1.2.2 Non-criteria Air Pollutants

Toxic Air Contaminants. A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic non-cancer health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In the state of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources, such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources, such as automobiles; and area sources, such as landfills. Adverse health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and non-carcinogenic effects. Non-carcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

CARB classified "particulate emissions from diesel-fueled engines" (i.e., diesel particulate matter [DPM]) (17 CCR 93000) as a TAC in August 1998. DPM is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70 the diameter of a human hair), and thus is a subset of $PM_{2.5}$ (CARB 2022f). DPM is typically composed of carbon particles ("soot," also called black carbon) and numerous organic compounds, including over 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2022f). DPM is emitted from a broad range of diesel engines: on-road diesel engines, including trucks, buses, and cars, and off-road diesel engines, including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of $PM_{2.5}$, DPM also contributes to the same non-cancer health effects as $PM_{2.5}$ exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2022f). Those most vulnerable to non-cancer health effects are children, whose lungs are still developing, and older people, who often have chronic health problems.

Odorous Compounds. Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The ability to detect odors varies considerably among the population and overall is quite subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. In a phenomenon known as odor fatigue, a person can become desensitized to almost any odor, and recognition may only occur with an alteration in the intensity. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

Valley Fever. Coccidioidomycosis, more commonly known as "valley fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. The fungus is very prevalent in the soils of California's San Joaquin Valley, particularly in Kern County. The ecologic factors that appear to be most conducive to survival and replication of the spores are high summer temperatures, mild winters, sparse rainfall, and alkaline, sandy soils.

Riverside County is not considered a highly endemic county (i.e., highly endemic meaning more than 20 cases annually of valley fever per 100,000 people) based on the incidence rates reported through 2021. The latest report from the California Department of Public Health (CDPH) indicates that Riverside County had 455 cases in 2021, or 18.4 cases per 100,000 people (CDPH 2021).

2.1.3 Sensitive Receptors

Some land uses are considered more sensitive to changes in air quality than others, depending on the population groups and the activities involved. People most likely to be affected by air pollution include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air-pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air-pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). SCAQMD identifies sensitive receptors as residences, schools, playgrounds, childcare centers, long-term healthcare facilities, rehabilitation centers, convalescent centers, and retirement homes (SCAQMD 1993).

The nearest sensitive receptors are residences located approximately 960 feet north of the project site's northern boundary on Wilson Street. Additional sensitive receptors include residence located approximately 1,450 feet east of the project site across the Santa Ana River.

The project would be a source of air pollution and TACs during construction and operation from trucks and offroad equipment operating on the project site. A review of the SCAQMD Facility Information Detail (F.I.N.D.) database identified the following stationary source facilities within 1,000 feet of the project site:

- Rubidoux Community Services District — 2100 Fleetwood Drive
- C-thru Industries, Inc. — 2285 Fleetwood Drive
- Tellkamp Systems Inc — 2345 Fleetwood Drive
- Centre Brands — 2344 Fleetwood Drive

- Dura Coat Products 5361 Via Ricardo
- Fleetwood Motor Homes 5300 Via Ricardo, Jurupa Valley

Stationary sources at these facilities include an emergency generator, a groundwater treatment system, spray paint booths, paint blending/production, storage tanks, and miscellaneous solvents. The stationary sources of air pollution near the project site are typical for these land uses.

2.1.4 Environmental Conditions

MATES V

The Multiple Air Toxics Exposure Study V (MATES V) is a monitoring and evaluation study conducted in the SCAB. The study is a follow up to previous air toxics studies in the SCAB and is part of the SCAQMD Governing Board Environmental Justice Initiative.

The MATES V Study consists of several elements. These include a monitoring program, an updated emissions inventory of TACs, and a modeling effort to characterize risk across the SCAB. The study estimates air toxics cancer risks using a risk assessment approach. Additionally, MATES V includes an exploratory analysis of chronic non-cancer health impacts (e.g., cardiovascular, respiratory, neurological health outcomes, etc.). The MATES analysis does not estimate impacts on risk of death or other health effects from criteria air pollutant exposures; such analyses are instead conducted as part of the AQMPs.

Toxic air pollution in the SCAB has decreased by more than 54% between 2012 and 2018, but continues to contribute to health risks, including cancers and other chronic diseases. For residents in the SCAB in 2018, exposure to TACs increased the chances of developing cancer by 455 chances in 1 million (SCAQMD 2023b).

At the project site (92509 zip code), the MATES V monitoring data shows a cancer risk of 413 chances in 1 million. Air toxics cancer risk in this zip code is higher than 35% of the SCAQMD population (SCAQMD 2023c).

CalEnviroScreen

CalEnviroScreen is a mapping tool that helps identify California communities that are most affected by many sources of pollution, where people are often especially vulnerable to pollution's effects. CalEnviroScreen ranks census tracts in California based on potential exposures to pollutants, adverse environmental conditions, socioeconomic factors and the prevalence of certain health conditions. Data used in the CalEnviroScreen model come from national and state sources.

The project site is in a disadvantaged community pursuant to Senate Bill (SB) 535 (OEHHA 2022a), but it is not in a Low-Income Community pursuant to Assembly Bill (AB) 1550 (CARB 2023a), nor in a Community Air Protection Program pursuant to AB 617 (CARB 2023b).

The project site achieves a score of 95 on the CalEnviroScreen (OEHHA 2024). 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.

Healthy Places

The Healthy Places Index (HPI) is a project of the Public Health Alliance of Southern California. The HPI is a powerful and easy-to-use data and policy platform created to advance health equity through open and accessible data. Neighborhood-by-neighborhood, the HPI maps data on social conditions that drive health—like education, job opportunities, clean air and water, and other indicators that are positively associated with life expectancy at birth. Community leaders, policymakers, academics, and other stakeholders use the HPI to compare the health and well-being of communities, identify health inequities and quantify the factors that shape health.

The project site has an HPI score of 23.7 (California Healthy Places Index 2024). Within the County of Riverside, the average score is 39.3 and within the City the average score is 26.2. The maximum HPI score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

2.2 Regulatory Setting

2.2.1 Federal Regulations

2.2.1.1 Criteria Air Pollutants

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The U.S. Environmental Protection Agency (EPA) is responsible for implementing most aspects of the Clean Air Act, including setting National Ambient Air Quality Standards (NAAQS) for major air pollutants; setting hazardous air pollutant (HAP) standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric O_3 protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: O_3, CO, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for O_3, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. NAAQS for O_3, NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a State Implementation Plan that demonstrates how those areas will attain the NAAQS within mandated time frames.

2.2.1.2 Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required the EPA to identify National Emission Standards for Hazardous Air Pollutants to protect public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 federal Clean Air Act Amendments, which expanded the control program for HAPs, 187 substances and chemical families were identified as HAPs.

2.2.2 State Regulations

2.2.2.1 Criteria Air Pollutants

The federal Clean Air Act delegates the regulation of air pollution control and the enforcement of the NAAQS to the states. In California, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for ensuring implementation of the California Clean Air Act of 1988, responding to the federal Clean Air Act, and regulating emissions from motor vehicles and consumer products.

CARB has established California Ambient Air Quality Standards (CAAQS), which are generally more restrictive than the NAAQS. As stated previously, an ambient air quality standard defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. For each pollutant, concentrations must be below the relevant CAAQS before a basin can attain the corresponding CAAQS. Air quality is considered "in attainment" if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The CAAQS for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, PM_{10}, and $PM_{2.5}$ and visibility-reducing particles are values that are not to be exceeded.

California air districts have based their thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an ambient air quality standard is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the ambient air quality standard, this means that the thresholds established by air districts are also protective of human health. The NAAQS and CAAQS are presented in Table 2-1.

Table 2-1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
O_3	1 hour	0.09 ppm (180 µg/m³)	—	Same as primary standard[f]
	8 hours	0.070 ppm (137 µg/m³)	0.070 ppm (137 µg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 µg/m³)	0.100 ppm (188 µg/m³)	Same as primary standard
	Annual arithmetic mean	0.030 ppm (57 µg/m³)	0.053 ppm (100 µg/m³)	
CO	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
SO_2[h]	1 hour	0.25 ppm (655 µg/m³)	0.075 ppm (196 µg/m³)	—
	3 hours	—	—	0.5 ppm (1,300 µg/m³)
	24 hours	0.04 ppm (105 µg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 µg/m³	150 µg/m³	

Table 2-1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	Primary[c,d]	Secondary[c,e]
	Annual arithmetic mean	20 µg/m³	—	Same as primary standard
$PM_{2.5}$[i]	24 hours	—	35 µg/m³	Same as primary standard
	Annual arithmetic mean	12 µg/m³	9.0 µg/m³	15.0 µg/m³
Lead[j,k]	30-day average	1.5 µg/m³	—	—
	Calendar quarter	—	1.5 µg/m³ (for certain areas)[k]	Same as primary standard
	Rolling 3-month average	—	0.15 µg/m³	
Hydrogen sulfide	1 hour	0.03 ppm (42 µg/m³)	—	—
Vinyl chloride[j]	24 hours	0.01 ppm (26 µg/m³)	—	—
Sulfates	24 hours	25 µg/m³	—	—
Visibility reducing particles	8 hours (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70%	—	—

Source: CARB 2016.

Notes: O_3 = ozone; ppm = parts per million by volume; µg/m³ = micrograms per cubic meter; NO_2 = nitrogen dioxide; CO = carbon monoxide; mg/m³= milligrams per cubic meter; SO_2 = sulfur dioxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; PST = Pacific Standard Time.

[a] California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

[b] National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

[c] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] National primary standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

[e] National secondary standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[f] On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[g] To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[h] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[l] "On February 7, 2024, the national annual PM2.5 primary standard was lowered from 12.0 mg/m3 to 9.0 mg/m³". The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM_{10} standards (primary and secondary) of 150 µg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

[j] CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5-µg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

Local Ambient Air Quality

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. SCAQMD monitors local ambient air quality in the vicinity of the Project site. Air quality monitoring stations usually measure pollutant concentrations 10 feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. The most recent background ambient air quality data from 2020 to 2022 are presented in Table 2-2. The Perris monitoring station, located at 5888 Mission Boulevard, Riverside, California is the air quality monitoring station nearest to the project site, located approximately 2.5 miles southwest of the project site. The data collected at this station is considered representative of the air quality experienced in the project vicinity. The number of days exceeding the ambient air quality standards is also shown in Table 2-2.

Table 2-2. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2021	2022	2023	2021	2022	2023
Ozone (O_3) (Riverside-Rubidoux)									
Maximum 1-hour concentration	ppm	California	0.12	0.117	0.122	0.139	20	30	48
Maximum 8-hour concentration	ppm	California	0.070	0.098	0.095	0.107	57	72	70
		National	0.070	0.097	0.095	0.106	55	70	69
Nitrogen Dioxide (NO_2) (Riverside-Rubidoux)									
Maximum 1-hour concentration	ppm	California	0.18	0.052	0.055	0.054	0	0	
		National	0.100	0.052	0.056	0.055	0	0	
Annual concentration	ppm	California	0.030	0.014	0.013	0.012	—	—	—
		National	0.053	0.014	0.013	0.012	—	—	—

Table 2-2. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2021	2022	2023	2021	2022	2023
Carbon Monoxide (CO) (Riverside-Rubidoux)									
Maximum 1-hour concentration	ppm	California	20	ND	ND	ND	ND	ND	ND
		National	35	2.0	1.6	1.5	0	0	0
Maximum 8-hour concentration	ppm	California	9.0	ND	ND	ND	ND	ND	ND
		National	9	1.5	1.2	1.2	0	0	0
Sulfur Dioxide (SO_2) (Riverside-Rubidoux)									
Maximum 1-hour concentration	ppm	National	0.075	0.002	0.007	ND	0	0	ND
Maximum 24-hour concentration	ppm	National	0.14	0.001	0.001	ND	0	0	ND
Annual concentration	ppm	National	0.030	0.0005	0.0005	ND	—	—	ND
Coarse Particulate Matter (PM_{10}) (Riverside-Rubidoux)									
Maximum 24-hour concentration	µg/ m^3	California	50	114.3	61.9	95.1	43.7	11.8	ND
		National	150	76.5	153.6	166.5	0.0	0.0	1.0
Annual concentration	µg/ m^3	California	20	33.2	30.0	ND	—	—	–
Fine Particulate Matter ($PM_{2.5}$) (Riverside-Rubidoux)									
Maximum 24-hour concentration	µg/ m^3	National	35	82.1	38.5	74.3	11	1	2.1
Annual concentration	µg/ m^3	California	12	13.2	10.9	11.5	—	—	—
		National	9.0	12.7	10.9	10.7	—	—	—

Sources: CARB 2023c; EPA 2023b. Monitoring station represented for each source noted in parentheses following the pollutant monitored.

Notes: ppm = parts per million by volume; — = not available; µg/m^3 = micrograms per cubic meter; ND = insufficient data available to determine the value.

Riverside-Rubidoux Monitoring Station is located at 5888 Mission Boulevard, Rubidoux.

Data taken from CARB iADAM (http://www.arb.ca.gov/adam; CARB 2023c) and EPA AirData (http://www.epa.gov/airdata/; EPA 2020) represent the highest concentrations experienced over a given year.

Exceedances of national and California standards are only shown for O_3 and particulate matter. Daily exceedances for particulate matter are estimated days because PM_{10} and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed national or California standards during the years shown. There is no national standard for 1-hour O_3, annual PM_{10}, or 24-hour SO_2, nor is there a California 24-hour standard for $PM_{2.5}$.

South Coast Air Basin Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, EPA classifies air basins (or portions thereof) as "attainment" or "nonattainment" for each criteria air pollutant based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as "attainment" for that pollutant. If an area exceeds the standard, the area is classified as "nonattainment" for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as "unclassified" or "unclassifiable." The designation of "unclassifiable/attainment" means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are re-designated as maintenance areas and must have approved Maintenance Plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on CAAQS rather than the NAAQS. Table 2-3 depicts the current attainment status of the Riverside County portion of the SCAB with respect to the NAAQS and CAAQS.

Table 2-3. South Coast Air Basin Attainment Classification

Pollutant	Designation/Classification	
	National Standards	California Standards
Ozone (O_3), 1-hour	No national standard	**Nonattainment**
Ozone (O_3), 8-hour	**Extreme nonattainment**	**Nonattainment**
Nitrogen Dioxide (NO_2)	Attainment/maintenance	Attainment
Carbon Monoxide (CO)	Attainment/maintenance	Attainment
Sulfur Dioxide (SO_2)	Unclassifiable/attainment	Attainment
Coarse Particulate Matter (PM_{10})	Attainment/maintenance	**Nonattainment**
Fine Particulate Matter ($PM_{2.5}$)	**Serious nonattainment**	**Nonattainment**
Lead	Unclassifiable/attainment	Attainment
Hydrogen Sulfide	No national standard	Unclassified
Sulfates	No national standard	Attainment
Visibility-Reducing Particles	No national standard	Unclassified
Vinyl Chloride	No national standard	Unclassified

Sources: EPA 2023c (national); CARB 2022g (California).
Notes: Bold text = not in attainment; attainment = meets the standards; attainment/maintenance = achieves the standards after a nonattainment designation; nonattainment = does not meet the standards; unclassified or unclassifiable = insufficient data to classify; unclassifiable/attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.

In summary, the SCAB is designated as a nonattainment area for national and California O_3 standards and national and California $PM_{2.5}$ standards. The SCAB is designated as a nonattainment area for California PM_{10} standards; however, it is designated as an attainment area for national PM_{10} standards. The Riverside County portion of the SCAB is designated as an attainment area for national and California CO standards, national and California NO_2 standards, national and California lead standards, and national and California SO_2 standards (EPA 2023c; CARB 2022g).

Despite the current nonattainment status, air quality in the SCAB has generally improved since the inception of air pollutant monitoring in 1976. This improvement is mainly a result of lower-polluting on-road motor vehicles, more stringent regulation of industrial sources, and the implementation of emission reduction strategies by SCAQMD.

This trend toward cleaner air has occurred despite continued population growth. PM_{10} levels have declined almost 50% since 1990, and $PM_{2.5}$ levels have also declined 50% since measurements began in 1999 (SCAQMD 2013). Similar improvements are observed with O_3, although the rate of O_3 decline has slowed in recent years.

2.2.2.2 Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California TAC list identifies more than 200 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs.

In 1987, the Legislature enacted the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment (HRA), and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings. As AB 2588 applies to facilities with permitted sources that emit TACs, such as aerospace industry manufacturers, hospitals, chemical plants, wastewater treatment plants, oil and gas production facilities, etc. (SCAQMD 2023d), rather than residential/mixed-use development, the Project would not include facilities subject to AB 2588 or be required to perform an operational HRA.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB 2000). Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment. CARB has adopted several Airborne Toxic Control Measures (ATCM) that reduce diesel emissions, including the following measures:

- Diesel Particulate Matter Control Measure for On-Road Heavy-Duty Diesel-Fueled Residential and Commercial Solid Waste Collection Vehicles (13 CCR 2020, 13 CCR 2021);
- ATCM for Diesel Particulate Matter from Portable Engines Rated 50 horsepower and greater (17 CCR 93116);
- ATCM for In-Use Diesel-Fueled Transport Refrigeration Units (TRU) and TRU Generator Sets, and Facilities where TRUs operate (13 CCR 2477 and Article 8);
- ATCM to limit diesel-fueled commercial motor vehicle idling (13 CCR 2485);
- ATCM for In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.);
- ATCM for In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

California Health and Safety Code Section 41700

Section 41700 of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

2.2.3 Local Regulations

2.2.3.1 South Coast Air Quality Management District

While CARB is responsible for the regulation of mobile emissions sources within the state, local air quality management districts and air pollution control districts are responsible for enforcing standards and regulating stationary sources. SCAQMD is the regional agency responsible for the regulation and enforcement of federal, state, and local air pollution control regulations in the SCAB, where the Project is located. SCAQMD operates monitoring stations in the SCAB, develops rules and regulations for stationary sources and equipment, prepares emissions inventory and air quality management planning documents, and conducts source testing and inspections. SCAQMD's AQMPs include control measures and strategies to be implemented to attain the CAAQS and NAAQS in the SCAB. SCAQMD then implements these control measures as regulations to control or reduce criteria pollutant emissions from stationary sources or equipment.

Air Quality Management Plan

The most-recently adopted AQMP is the 2022 AQMP (SCAQMD 2022), which was adopted by SCAQMD governing board on December 2, 2022. The 2022 AQMP is a regional blueprint for achieving air quality standards and healthful air. The 2022 AQMP was developed to address the requirements for meeting the U.S. EPA's NAAQS for ground-level O_3. The strategies of the 2022 AQMP include: wide adoption of zero-emissions technologies; low NO_x technologies where zero-emission technologies are not feasible; federal action; zero-emission technologies for residential and industrial sources; incentive funding in environmental justice areas; and prioritizing benefits on the most disadvantaged communities (SCAQMD 2022).

Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning

SCAQMD adopted its Guidance Document for Addressing Air Quality Issues in General Plans and Local Planning in May 2005. Like the CARB Land Use Handbook, the SCAQMD Guidance Document provides recommendations for the siting of new sensitive land uses near potential sources of air toxic emissions (e.g., freeways, distribution centers, rail yards, ports, refineries, gas dispensing facilities, etc.). In its Guidance Document, SCAQMD provides recommendations for when a HRA should be prepared, such as for truck stops and warehouse distribution facilities, where more than 100 trucks per day or more than 40 trucks with truck refrigeration units are generated.

Applicable Rules

Emissions that would result from Project development may be subject to SCAQMD rules and regulations, which may include the following:

Rule 401 – Visible Emissions. This rule establishes the limit for visible emissions from stationary sources for a period or periods aggregating more than three minutes in any hour. This rule prohibits visible emissions dark or darker than Ringelmann No. 1 for periods greater than three minutes in any hour or such opacity which could obscure an observer's view to a degree equal or greater than does smoke.

Rule 402 – Nuisance. This rule prohibits the discharge of air pollutants from a facility that causes injury, detriment, nuisance, or annoyance to the public or damage to business or property.

Rule 403 – Fugitive Dust. This rule requires fugitive dust sources to implement best available control measures for all sources and prohibits all forms of visible PM from crossing any property line. SCAQMD Rule 403 is intended to reduce PM_{10} emissions from any transportation, handling, construction, or storage activity that has the potential to generate fugitive dust.

Rule 431.2 – Sulfur Content of Liquid Fuels. The purpose of this rule is to limit the sulfur content in diesel and other liquid fuels for the purpose both of reducing the formation of SO_x and particulates during combustion and of enabling the use of add-on control devices for diesel-fueled internal combustion engines. The rule applies to all refiners, importers, and other fuel suppliers such as distributors, marketers, and retailers, as well as to users of diesel, low-sulfur diesel, and other liquid fuels for stationary-source applications in SCAQMD. The rule also affects diesel fuel supplied for mobile source applications.

Rule 445 – Wood Burning Devices. The purpose of this rule is to reduce the emission of PM from woodburning devices and establish contingency measures for applicable O_3 standards for the reduction of VOCs. The rule requires the installation of only gaseous-fueled fireplaces and stoves in any new residential or commercial development.

Rule 1110.2 – Emissions from Gaseous- and Liquid-Fueled Engines. This rule applies to stationary and portable engines rated at greater than 50 horsepower. The purpose of Rule 1110.2 is to reduce NO_x, VOCs, and CO emissions from engines. Emergency engines, including those powering standby generators, are generally exempt from the emissions and monitoring requirements of this rule because they have permit conditions that limit operation to 200 hours or less per year as determined by an elapsed operating time meter.

Rule 1113 – Architectural Coatings. This rule requires manufacturers, distributors, and end users of architectural and industrial maintenance coatings to reduce VOC emissions from the use of these coatings, primarily by placing limits on the VOC content of various coating categories.

2.2.3.2 Southern California Association of Governments

SCAG is the regional planning agency for Los Angeles, Orange, Ventura, Riverside, San Bernardino, and Imperial Counties and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. SCAG serves as the federally designated metropolitan planning organization for the Southern California region and is the largest metropolitan planning organization in the United States.

In September 2020, SCAG adopted Connect SoCal, the 2020–2045 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS), which is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. Connect SoCal charts a path toward a more mobile, sustainable, and prosperous region by making connections between transportation networks, planning strategies, and the people whose collaboration can improve the quality of life for Southern Californians. Connect SoCal embodies a collective vision for the region's future and is developed with input from local governments, county transportation commissions, tribal governments, non-profit organizations, businesses, and local stakeholders within the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. As stated above, SCAQMD adopted the 2022 AQMP, which incorporates the updated regional growth projections from Connect SoCal (SCAG 2020; SCAQMD 2022).

The RTP/SCS is updated every 4 years. SCAG adopted the 2024-2050 RTP/SCS, also referred to as "Connect SoCal 2024". The Connect SoCal 2024-2050 builds upon prior planning cycles to update the vision of the region's future (SCAG 2024). SCAG's Connect SoCal 2024–2050 RTP/SCS is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. The RTP/SCS is a regional growth management strategy, which targets per capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region pursuant to SB 375. In addition to demonstrating the region's ability to attain the GHG emission reduction targets set forth by CARB, the 2024–2050 RTP/SCS outlines a series of actions and strategies for integrating the transportation network with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands (SCAG 2024). Thus, successful implementation of the 2024–2050 RTP/SCS would result in more complete communities with various transportation and housing choices while reducing automobile use.

2.2.3.3 City of Jurupa Valley General Plan

The City adopted the City of Jurupa Valley 2017 General Plan on September 7, 2017 (City of Jurupa Valley 2017). The City's 2017 General Plan includes various policies related to directly and indirectly improving air quality. Applicable goals and policies include the following:

Land Use Element

To be a City that:

Goal LUE 2. Attracts high quality commercial, office, and industrial areas offering a range of retail, service and employment uses that complement rather than compete with one another.

LUE 3.12. Industrial and Business Park Development. Accommodate the continuation of existing and the development of new industrial, manufacturing, research and development, and professional offices in areas designated by the General Plan, specific plans, community and town center plans.

LUE 3.13. Commercial Trucks. Manage commercial truck traffic, access, loading, and parking to minimize potential impacts on adjacent residential and commercial properties.

LUE 3.14. Encroachment. Protect industrial and business park designated areas from encroachment by incompatible or noise-sensitive uses that could be impacted by industrial activity, such as housing and schools.

LUE 3.15. Locations. Concentrate industrial and business park uses near major transportation facilities and utilities and along public transit corridors. Avoid siting such uses close to residentially zoned neighborhoods or where truck traffic will be routed through residential neighborhoods.

LUE 3.16. Employee Facilities. Encourage the inclusion of daycare, on-site lunch areas, showers, meeting rooms, and other employee-oriented facilities for new industrial and business park development.

LUE 3.17. Toxic Materials. Prohibit the development of industrial and business park uses that use, store, produce, or transport toxic substances, or that generate unacceptable levels of noise or air pollution.

LUE 3.18. Infrastructure. Require that new industrial and business park developers provide adequate parking, transportation facilities, including sidewalks and trails, street trees, water resources, sewer facilities, and other utilities to serve new industrial and business park businesses in addition to meeting the needs of existing residents and businesses.

LUE 3.19. Architectural Compatibility. Ensure that new industrial and business park development is designed to enhance and be architecturally compatible with its surroundings and with designated scenic highways or public view corridors by providing high quality architecture, landscaping, and site improvements.

Air Quality Element

To be a City that:

Goal AQ 1. Works with regional, sub-regional, and state agencies to protect and improve air quality and reduce greenhouse gas emissions.

Goal AQ 2. Helps protect its residents, and especially senior citizens, youth and other sensitive receptors, from toxic air pollution.

Goal AQ 3. Works to reduce emissions from stationary and mobile sources.

Goal AQ 4. Employs measures to improve the jobs/housing balance and reduce commuting time.

AQ 1.1. Regional Participation. Ensure that new industrial and business park development is designed to enhance and be architecturally compatible with its surroundings and with designated scenic highways or public view corridors by providing high quality architecture, landscaping, and site improvements.

AQ 1.2. Air Quality Measures. Establish and implement air quality, land use, and mobility measures that improve not only the City's environment but also that of the entire region.

AQ 2.1. Site Plan Designs. Require City land use planning efforts and site plan designs to protect people and land uses sensitive to air pollution, using barriers and/or distance from emissions sources, and protect sensitive receptors from polluting sources, wherever possible.

AQ 2.2. Pollution Control Measures. Strongly encourage the use of pollution control measures such as landscaping, vegetation and other materials that trap particulate matter or control pollution.

AQ 3.3. Stationary Pollution Reduction. Require stationary pollution sources to prevent the release of toxic pollutants through the following:

1. Design features;
2. Operating procedures;
3. Preventive maintenance;
4. Operator training; and
5. Emergency response planning

AQ 3.4. Emissions Mitigation. Require every project to mitigate any of its anticipated emissions that exceed allowable levels as established by the SCAQMD, the US EPA, and CARB, to the greatest extent possible.

AQ 3.5. Fugitive Dust Reduction Measures. Apply, as appropriate, measures contained in the County's Fugitive Dust Reduction to the entire City.

AQ 3.6. Grading in High Winds. Suspend all grading when wind speeds exceed 25 miles per hour.

AQ 4.2. Particulate Matter. Reduce particulate matter from agriculture, construction, demolition, debris hauling, street cleaning, utility maintenance, railroad rights of way, and off-road vehicles to the maximum extent possible.

AQ 4.1.1. Truck Parking in Residential Areas. Prohibit the parking of large commercial trucks, trailers, and truck cabs on public-streets in residential areas, except for loading or unloading, through Municipal Code amendments, signage, enforcement, and other measures.

AQ 4.1.2. Diesel Fumes. Collaborate with the US EPA, SCAQMD, and warehouse owners and operators to create regulations and programs to reduce the amount of diesel fumes released due to warehousing operations.

AQ 4.1.3. Commercial Truck Parking Lots. Research funding and establish a program to provide incentives and opportunities for commercial truck parking lots to prevent the need for parking trucks, trailers, and truck cabs in residential and other restricted areas.

AQ 4.1.4. Electric Charging Stations. Establish incentives for developers to plan for and install electric vehicle charging stations in new development, and research funding sources for installing electric vehicle charging stations in other strategic locations, such as in government agency facilities.

AQ 5.1. Reduce Solid Waste. Utilize source reduction, recycling, and other appropriate measures to reduce the amount of solid waste disposed of in landfills.

AQ 5.2. Energy Conservation. Encourage advanced energy conservation techniques and the incorporation of energy efficient design elements for private and public developments, including

appropriate site orientation and the use of shade and windbreak trees to reduce fuel consumption for heating and cooling, and offer incentives, as appropriate.

AQ 6.11. Non-Polluting Transportation. Encourage and promote the use of non-polluting alternative modes of transportation such as natural gas and electric vehicles and bicycles.

AQ 7.2. Transit Incentives. Encourage employee rideshare and transit incentives for employers with more than 25 employees at a single location and coordination with City incentives programs.

AQ 7.3. Trip-Reduction Programs. Encourage workplace trip-reduction programs and cooperate with surrounding jurisdictions to reduce vehicle trips.

Environmental Justice Element

To be a City that supports and achieves environmental justice by ensuring:

Goal EJ 1. An open and transparent public process that improves the quality of life relative to a cleaner and healthier environment.

Goal EJ 2. Meaningful participation in the public process by all members of the community.

Goal EJ 3. A reduction in disproportionate environmental burdens affecting low-income and minority populations.

Goal EJ 4. Increased mobility and accessibility for all residents.

Goal EJ 5. Healthy and affordable housing opportunities for all segments of the community

EJ 1.1. Public Participation. Ensure that affected residents have the opportunity to participate in decisions that affect their health.

EJ 1.2. Facilitate Community Involvement. Facilitate the involvement of residents, businesses, and organizations in all aspects of the planning process.

EJ 1.11. Environmental Screening. Identify those areas of the City most vulnerable to environmental hazards through CalEnviroScreen, the Environmental Justice Screening Model (EJSM), or other model.

EJ 2.7. Latest Technologies. Give preference in approving commercial and industrial development to those projects that incorporate the latest technologies to reduce diesel emissions.

EJ 2.9. Access to Decision-making Process. Ensure that low income and minority populations have equal access and influence in the land use decision-making process through such methods as bilingual notices, posting bilingual notices at development sites, and conducting public information meetings with interpreters.

EJ 2.10. Information Dissemination. Ensure that low-income and minority populations understand the potential for adverse pollution, noise, odor, vibration, and lighting and glare when new commercial and industrial developments are proposed.

EJ 2.14. Truck Idling. Seek the necessary funding and resources to enforce the statewide idling limit of five minutes for heavyduty diesel vehicles with a Gross Vehicle Weight Rating (GVWR) of 10,000 pounds or more.

EJ 2.18. Energy Efficiency. Support programs to promote the use of energy efficiency products and renewable energy systems.

EJ 2.19. Green Building Techniques. Encourage public and private development to incorporate green building techniques, such as construction waste management practices, optimization of energy efficiency measures, and avoidance of toxic chemicals.

EJ 2.1.1. Truck Routes. Designate truck routes to avoid residential areas including low-income and minority neighborhoods.

EJ 3.8. Alternative Modes of Transportation. Promote the use of alternative modes of transportation.

EJ 3.11. Bicycle Facilities. Require new commercial and industrial development to provide bicycle facilities on-site.

Healthy Communities Element

To be a City that:

Goal HC 2. Is known for its healthy lifestyle and commitment to preserving and improving residents' quality of life.

HC 4.4. Compact Development Patterns. Promote increased physical activity, reduced driving, and increased walking, cycling, and public transit use by requiring, where appropriate, the development of compact development patterns that are pedestrian- and bicycle-friendly.

HC 4.10. Health Risk Assessment. Require the preparation of a Health Risk Assessment for large development projects and projects involving the use, storage, or distribution of hazardous substances.

HC 6.3. Landscape Improvements. Strive to incorporate existing mature trees and native vegetation into existing and new development, particularly expansive parking lots.

Economic Sustainability Element

Goal ES 2. Achieve a sustainable industrial base that supports skilled and professional employment and contributes to the local economy, capitalizes on the City's unique attributes, and has a positive effect on residents' quality of life and environmental quality.

Goal ES 6. Attract high quality, economically sustainable commercial, professional, and industrial uses that are well suited to the City, particularly in the Special Economic Opportunity Areas.

Goal ES 7. Make land use decisions that result in sustainable increases in median income and property values.

ES 2.1. Industrial Expansion. Expand and diversify the City's industrial base by encouraging clean industry, including job-rich manufacturing and assembly uses, research and development, and point-of-sale fulfillment centers.

ES 2.2. Job Growth. Encourage industrial uses that provide well-paying skilled and professional jobs.

ES 2.4. Jobs-Housing Balance. Assign high priority to City initiatives, investments, Council decisions, and the allocation of City resources, and development approvals that improve the jobs/housing ratio by expanding local job opportunities for residents and housing opportunities for employees.

2.3 Significance Criteria and Methodology

2.3.1 Thresholds of Significance

The significance criteria used to evaluate the project impacts to air quality are based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this air quality analysis, a significant impact would occur if the Project would (14 CCR 15000 et seq.):

1. Conflict with or obstruct implementation of the applicable air quality plan
2. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard
3. Expose sensitive receptors to substantial pollutant concentrations
4. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people

CEQA Guidelines Appendix G indicates that, where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to determine whether the Project would have a significant impact on air quality.

SCAQMD has established Air Quality Significance Thresholds, as revised in March 2023, that set forth quantitative emission significance thresholds below which a project would not have a significant impact on ambient air quality (SCAQMD 2023e). The project's "regional" emission refers to emissions that will be evaluated based on regional significance thresholds established by SCAQMD, also known as the criteria pollutant mass daily thresholds. The SCAQMD Air Quality Significance Thresholds also provide TAC thresholds and ambient air quality standards for criteria pollutants, which are to be utilized for localized significance determination. The quantitative air quality analysis provided herein applies the SCAQMD thresholds identified in Table 2-4 to determine the potential for the project to result in a significant impact under CEQA.

Table 2-4. SCAQMD Air Quality Significance Thresholds

Criteria Pollutants Mass Daily Thresholds – Regional Thresholds		
Pollutant	**Construction (pounds per day)**	**Operation (pounds per day)**
VOCs	75	55
NO_x	100	55
CO	550	550
SO_x	150	150
PM_{10}	150	150
$PM_{2.5}$	55	55
Lead[a]	3	3
TACs and Odor Thresholds – Localized Thresholds		
TACs[b]	Maximum incremental cancer risk ≥10 in 1 million Cancer burden >0.5 excess cancer cases (in areas ≥1 in 1 million) Chronic and acute hazard index ≥1.0 (project increment)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	
Ambient Air Quality Standards for Criteria Pollutants[c] – Localized Thresholds		
NO_2 1-hour average NO_2 annual arithmetic mean	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (state) 0.030 ppm (state) and 0.0534 ppm (federal)	
CO 1-hour average CO 8-hour average	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20 ppm (state) and 35 ppm (federal) 9.0 ppm (state/federal)	
PM_{10} 24-hour average PM_{10} annual average	10.4 µg/m³ (construction)[d] 2.5 µg/m³ (operation) 1.0 µg/m³	
$PM_{2.5}$ 24-hour average	10.4 µg/m³ (construction)[d] 2.5 µg/m³ (operation)	

Source: SCAQMD 2023e.

Notes: SCAQMD = South Coast Air Quality Management District; VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; TAC = toxic air contaminant; NO_2 = nitrogen dioxide; ppm = parts per million by volume; µg/m³ = micrograms per cubic meter.

Greenhouse gas emissions thresholds for industrial projects, as added in the March 2015 revision to the SCAQMD Air Quality Significance Thresholds, were not included in this table as they are addressed within the greenhouse gas emissions analysis and not the air quality analysis.

[a] The phaseout of leaded gasoline started in 1976. Since gasoline no longer contains lead, the Project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.

[b] TACs include carcinogens and noncarcinogens.

[c] Ambient air quality standards for criteria pollutants are based on SCAQMD Rule 1303, Table A-2, unless otherwise stated.

[d] Ambient air quality thresholds are based on SCAQMD Rule 403.

The phasing out of leaded gasoline started in 1976. As gasoline no longer contains lead, the project is not anticipated to result in impacts related to lead; therefore, it is not discussed in this analysis.

The evaluation of whether the project would conflict with or obstruct implementation of the applicable air quality plan (CEQA Guidelines, Appendix G, Threshold 1) is based on the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993), Chapter 12, Sections 12.2 and 12.3. The first criterion assesses whether the project would result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP, which is addressed in detail under Section 2.4.1 in Section 2.4, Impacts Analysis. The second criterion is whether the project would exceed the assumptions in the AQMP, or increments based on the year of project build-out and phase, as discussed further in Section 2.4.1.

To evaluate the potential for the project to result in a cumulatively considerable net increase of any criteria pollutant for which the project region is nonattainment under an applicable federal or state ambient air quality standard (CEQA Guidelines, Appendix G, Threshold 2), this analysis applies SCAQMD's construction and operational criteria pollutants mass daily thresholds, as shown in Table 2-4. A project would potentially result in a cumulatively considerable net increase in O_3, which is a nonattainment pollutant, if the project's construction or operational emissions would exceed the SCAQMD VOC or NO_x thresholds shown in Table 2-4. These emissions-based thresholds for O_3 precursors are intended to serve as a surrogate for an "ozone significance threshold" (i.e., the potential for adverse O_3 impacts to occur). This approach is used because O_3 is not emitted directly, and the effects of an individual project's emissions of O_3 precursors (VOC and NO_x) on O_3 levels in ambient air cannot be determined reliably or meaningfully through air quality models or other quantitative methods.

The assessment of the project's potential to expose sensitive receptors to substantial pollutant concentrations (CEQA Guidelines, Appendix G, Threshold 3) includes a localized significance threshold (LST) analysis, as recommended by SCAQMD, to evaluate the potential of localized air quality impacts to sensitive receptors in the immediate vicinity of a proposed project from construction and operation.

For project sites that disturb 5 acres or less, the SCAQMD LST Methodology includes lookup tables that can be used to determine the maximum allowable daily emissions that would satisfy the localized significance criteria (i.e., the emissions would not cause an exceedance of the applicable concentration limits for NO_2, CO, PM_{10}, and $PM_{2.5}$) without performing project-specific dispersion modeling (SCAQMD 2009). For projects that exceed 5 acres, such as this Project, the maximum number of acres disturbed on the peak day was estimated using the Fact Sheet for Applying CalEEMod to Localized Significance Thresholds, which provides estimated acres per 8-hour day for crawler tractors, graders, rubber-tired dozers, and scrapers (SCAQMD 2011). Based on SCAQMD guidance, and scaling the area based on anticipated equipment usage per day, it was estimated that the maximum number of acres on the project site that would be disturbed by off-road equipment would be 1 acre per day. Therefore, the LST look-up values can be used to determine localized significance.

The LST significance thresholds for NO_2 and CO represent the allowable increase in concentrations above background levels in the vicinity of a project that would not cause or contribute to an exceedance of the relevant ambient air quality standards, while the threshold for PM_{10} represents compliance with Rule 403 (Fugitive Dust). The LST significance threshold for $PM_{2.5}$ is intended to ensure that construction emissions do not contribute

substantially to existing exceedances of the $PM_{2.5}$ ambient air quality standards. The allowable emission rates depend on the following parameters:

1. Source receptor area (SRA) in which the project is located
2. Size of the project site
3. Distance between the project site and the nearest sensitive receptor (e.g., residences, schools, hospitals)

The Project site is in SRA 23 (Metropolitan Riverside County). LST pollutant screening level concentration data is currently published for 1-, 2-, and 5-acre sites for varying distances (25, 50, 100, 200, and 500 meters [approximately 82, 164, 328, 656, and 1,640 feet]).

Table 2-5 provides the SCAQMD guidance for determining the maximum acres graded in single day.

Table 2-5. SCAQMD Equipment Specific Grading Rates

Construction Phase	Equipment Type	Equipment Quantity	Acres Graded per 8-Hour Day	Operating Hours Per Day	Acres Graded Per Day
Grading	Graders	1	0.5	8	0.5
	Rubber Tired Dozers	1	0.5	8	0.5
				Total Acres Graded Per Day	1.0

Source: SCAQMD, 2011

While the CAAQS/NAAQS have been revised since publication of SCAQMD's LST methodology/guidance, it should be noted that the SCAQMD guidance remains current and valid. The LST thresholds established in the guidance are intended to be screening thresholds and thus are conservative. The thresholds were based on modeling performed by SCAQMD and background concentrations of pollutants in areas throughout the SCAB. Air quality has improved throughout the basin since the LST methodology/guidance release, which makes the LST thresholds described below more conservative.

As stated above, the nearest sensitive receptor land uses are residences located approximately 960 feet north of the project site's northern boundary on Wilson Street, approximately 292 meters. As noted above, the LST pollutant screening provided by the SCAQMD includes distances of 200 meters and 500 meters, as such, a screening level for 292 meters was interpolated. The residential use represents the nearest land uses to the project site where an individual could remain for 24 hours. The nearest residential land use has been used to determine construction air quality impacts for emissions of PM_{10} and $PM_{2.5}$, since PM_{10} and $PM_{2.5}$ thresholds are based on a 24-hour averaging time. Although the project does not include stationary sources, it does include onsite emissions from offroad equipment handling deliveries and truck traffic, as such an operational LST analysis was prepared for disclosure purposes.

The LST methodology does not include commercial and industrial facilities in the definition of sensitive receptors because employees and customers do not typically remain on site for a full 24 hours but are typically on site for 8 hours or less. The LST methodology provides that LSTs based on shorter averaging periods, such as the NO_2 and CO LSTs, may be applied to receptors such as industrial or commercial facilities since a worker at these sites could be present for periods of 1 to 8 hours (SCAQMD 2008). For this analysis, if an industrial/commercial use is located

at a closer distance to the project site than the nearest residential use, the nearest industrial/commercial use will be used to determine construction LST impacts for NO_2 and CO because an individual could be present at those sites for periods of 1 to 8 hours. The nearest commercial use is adjacent to the project site, as such, the minimum threshold for distance (i.e., 25 meters) is used for NO_2 and CO (SCAQMD 2009).

The construction and operation LST values from the SCAQMD lookup tables for SRA 23 (Metropolitan Riverside County) for a 1-acre project site at a receptor distance of 292 meters for PM_{10} and $PM_{2.5}$ and a receptor distance of 25 meters for NO_2 and CO are shown in Table 2-6 and Table 2-7, respectively.

Table 2-6. Construction Localized Significance Thresholds for Source Receptor Area 23 (Bell Town)

Pollutant	Threshold (pounds per day)
NO_2	118.00
CO	602.00
PM_{10}	101.00
$PM_{2.5}$	40.20

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter.
Localized significance thresholds (LSTs) were determined based on the values for a 1-acre site at a distance of 292 meters from the nearest sensitive residential receptor and 25 meters from the nearest commercial receptor.

Table 2-7. Operation Localized Significance Thresholds for Source Receptor Area 23 (Bell Town)

Pollutant	Threshold (pounds per day)
NO_2	118.00
CO	602.00
PM_{10}	25.00
$PM_{2.5}$	10.00

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter.
Localized significance thresholds (LSTs) were determined based on the values for a 1-acre site at a distance of 292 meters from the nearest sensitive residential receptor and 25 meters from the nearest commercial receptor.

The assessment of the project's potential to expose sensitive receptors to substantial pollutant concentrations (CEQA Guidelines, Appendix G, Threshold 3) also includes a qualitative CO hotspot analysis based on comparison to the SCAQMD 2003 AQMP CO hotspot analysis.

The potential for the project to result in other emissions, specifically an odor impact (CEQA Guidelines, Appendix G, Threshold 4), is based on the project's anticipated construction activity and land use types and the potential for the project to create an odor nuisance pursuant to SCAQMD Rule 402.

2.3.2 Approach and Methodology

The California Emissions Estimator Model (CalEEMod) 2022 Version 2022.1.1.39 was used to estimate emissions from construction and operation of the Project (CAPCOA 2022). CalEEMod is a statewide computer model

developed in cooperation with air districts throughout the state to quantify criteria air pollutant and GHG emissions associated with construction activities and operation of a variety of land use projects, such as residential, commercial, and industrial facilities. CalEEMod input parameters, including the land use type used to represent the project and its size, construction schedule, and anticipated use of construction equipment, were based on information provided by the applicant or default model assumptions if project specifics were unavailable.

2.3.2.1 Construction Emissions

For purposes of estimating Project emissions, the analysis conservatively evaluated project construction as if it would commence in January 2025 and be completed by February 2026. The construction schedule utilized in the analysis represents a "worst-case" analysis scenario since emission factors for construction equipment decrease as the analysis year progresses, due to improvements in technology and more stringent regulatory requirements for emissions from construction equipment. Therefore, construction emissions would likely decrease if the construction schedule moved to a later year. The duration of construction activity and associated equipment represent a reasonable approximation of the expected construction fleet as required per CEQA guidelines.

No demolition is required for the project as there are no structures on the project site. The project site has previously been graded, but it will require additional grading and export/import of 7,825 cubic yards of soil. Vendor trucks listed in earth-moving phases (i.e., Site Preparation, Grading) represent water trucks.

The project will be required to comply with SCAQMD Rule 403 to control dust emissions during any dust-generating activities. SCAQMD Rule 403 requires implementation of various best available fugitive dust control measures for different sources for all construction activity sources within its jurisdictional boundaries. Dust control measures include, but are not limited to, maintaining stability of soil through pre-watering of site prior to clearing, grubbing, cut and fill, and earth-moving activities; stabilizing soil during and immediately after clearing, grubbing, cut and fill, and other earth-moving activities; stabilizing backfill during handling and at completion of activity; and pre-watering material prior to truck loading and ensuring that freeboard exceeds 6 inches. While SCAQMD Rule 403 requires fugitive dust control beyond watering control measures, compliance with Rule 403 is represented in CalEEMod by assuming twice daily watering of active sites (61% reduction in PM_{10} and $PM_{2.5}$ [CAPCOA 2022]).

The project will also be required to comply with SCAQMD Rule 1113 (Architectural Coatings), which requires that the construction contractor shall procure architectural coatings that comply with the SCAQMD grams per liter VOC limits as identified by application type (paint and other finishes) to reduce associated VOC emissions.

Three separate CalEEMod runs were prepared to address the various potential impacts evaluated herein:

1. Base CalEEMod run for mass (regional) emissions that includes all on-site and off-site sources. (See Appendix A, Regional Construction/Operation CalEEMod Files).
2. Adjusted CalEEMod run for the LST analysis that includes all on-site sources and only a small portion of all off-site vehicles. Because the LST analysis is focused on localized emissions of criteria air pollutants, 0.25 miles for off-site vehicle travel for worker vehicles, vendor trucks, and haul trucks trips were assumed. This is conservative as the SCAQMD LST methodology indicates that "off-site mobile emissions from the project should not be included in the emissions compared to the LSTs" (SCAQMD 2009). (See Appendix B, CalEEMod Localized Significance Threshold Files).

3. Adjusted CalEEMod run for the HRA analysis that includes all on-site sources and only a small portion of diesel-fueled off-site vehicles. Because the HRA analysis is focused on localized emissions of TACs, specifically DPM, 0.25 miles for off-site vehicle travel for vendor trucks and haul trucks trips were assumed, as heavy-heavy duty trucks (typical of haul trucks) are generally diesel-fueled and medium duty trucks (typical of vendor trucks) are generally diesel- or gasoline-fueled, whereas worker trucks as generally gasoline-fueled. (See Appendix C, Construction/Operation Health Risk Assessment).

Table 2-8 provides a summary of the land use inputs included in the CalEEMod modeling for construction and operation.

Table 2-8. CalEEMod Land Use Development Summary for the Proposed Project

CalEEMod Land Use Type	CalEEMod Land Use Subtype	Project Component	Land Use Amount (Size)	Land Use Size Metric	Building Square Footage	Land Use Acreage
Industrial	Manufacturing	Tire Recycling Facility	26.5	ksf	26,500	0.76
Industrial	Manufacturing	Manufacturing	55	ksf	55,000	1.18
Parking	Parking Lot	Parking Lot	131	sp	0	1.18
Parking	Other Asphalt Surfaces	Asphalt surfaces, circulation, etc.	2.7	ac	0	2.7
Parking	Other Non-Asphalt Surfacess	Parking drives, loading, sidewalks	169.1	ksf	0	3.88
Industrial	User Defined	This category is used to allocate the truck trips associated with the tire recycling facility	1	N/A	0	0
Commercial	User Defined	This category is used to allocate the truck trips associated with the manufacturing use	1	N/A	0	0
					Total	9.70

Table 2-9 provides a summary of the proposed construction schedule.

Table 2-9. Project Construction Schedule

Construction Task	Start Date	End Date	Workdays
Site Preparation	1/6/2025	1/17/2025	10
Grading	1/20/2025	2/14/2025	20
Building Construction	2/17/2025	1/2/2026	230
Paving	1/5/2026	1/30/2026	20
Architectural Coating	2/2/2026	2/27/2026	20

Table 2-10 provides the construction equipment mix and vehicle trips assumed for estimating project-generated construction emissions.

Table 2-10. Construction Scenario Assumptions

Construction Phase (Duration)	One-Way Vehicle Trips			Equipment		
	Workers	Vendors	Haul Trucks	Equipment Type	Quantity	Daily Usage Hours
Site Preparation	18	4	0	Rubber Tired Dozers	3	8
				Tractors/Loaders/ Backhoes	4	8
Grading	16	4	50	Excavators	1	8
				Graders	1	8
				Rubber Tired Dozers	1	8
				Tractors/Loaders/ Backhoes	3	8
Building Construction	34	14	0	Cranes	1	7
				Forklifts	3	8
				Generator Sets[1]	1	8
				Tractors/Loaders/ Backhoes	3	7
				Welders	1	8
Paving	16	0	0	Pavers	2	8
				Paving Equipment	2	8
				Rollers	2	8
Architectural Coating	8	0	0	Air Compressors[1]	1	6

For the analysis, it is generally assumed that heavy construction equipment would be operating at the site for a maximum of 8 hours per day, 5 days per week.

Default values provided in CalEEMod were used to determine worker trips and vendor truck trips for each potential construction phase. The default CalEEMod trip distance for construction vehicles was utilized, which was a one-way distance of 18.50 miles for worker trips, 10.20 miles for vendor truck trips, and 20 miles for haul truck trips.

2.3.2.2 Operational Emissions

Project-generated operational criteria air pollutant emissions were estimated for area sources, energy sources, and mobile sources using CalEEMod. The first full year of operations was assumed to be 2026, consistent with the anticipated end of construction. This provides a conservative estimate as emissions would decrease as the buildout year increases because of improved vehicle technologies and more stringent regulations. The calculation of area, energy, and mobile air pollutant emissions is explained below.

Area Sources

CalEEMod was used to estimate operational emissions from area sources, including emissions from consumer product use, architectural coatings, and landscape maintenance equipment. Emissions associated with natural gas usage in space heating and water heating are calculated in the building energy use module of CalEEMod, as described in the following text.

Consumer products are chemically formulated products used by household and institutional consumers, including detergents; cleaning compounds; polishes; floor finishes; cosmetics; personal care products; home, lawn, and garden products; disinfectants; sanitizers; aerosol paints; and automotive specialty products. Other paint products, furniture coatings, or architectural coatings are not considered consumer products (CAPCOA 2022). Consumer product VOC emissions are estimated in CalEEMod based on the floor area of nonresidential buildings and on the default factor of pounds of VOC per building square foot per day. For parking lot land uses, CalEEMod estimates VOC emissions associated with use of parking surface degreasers based on a square footage of parking surface area and pounds of VOC per square foot per day.

VOC off-gassing emissions result from evaporation of solvents contained in surface coatings such as in paints and primers using during building maintenance. CalEEMod calculates the VOC evaporative emissions from application of nonresidential surface coatings based on the VOC emission factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The VOC emission factor is based on the VOC content of the surface coatings, and SDAPCD Rule 67.0.1 (Architectural Coatings) governs the VOC (or ROG) content for interior and exterior coatings, which is 50 grams per liter VOC for the interiors and exteriors of the buildings. The CalEEMod default of 100 grams per liter was assumed for parking area coatings. The model default reapplication rate of 10% of area per year is assumed. Consistent with CalEEMod defaults, it is assumed that the nonresidential surface area for painting equals 2.0 times the floor square footage, with 75% assumed for interior coating and 25% assumed for exterior surface coating (CAPCOA 2022). For the parking lot, the architectural coating area is assumed to be 6% of the total square footage, consistent with the supporting CalEEMod studies provided as an appendix to the CalEEMod User's Guide (CAPCOA 2022).

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers. The emissions associated from landscape equipment use are estimated based on CalEEMod default values for emission factors (grams per square foot of nonresidential building space per day) and number of summer days (when landscape maintenance would generally be performed) and winter days. For Riverside County, the average annual

"summer" days are estimated to 365 days; however, it is assumed that landscaping equipment would likely only operate during the week (not weekends), so operational days were assumed to be 250 days per year in CalEEMod (CAPCOA 2022).

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with natural gas usage. Electricity use would contribute indirectly to criteria air pollutant emissions; however, the emissions from electricity use are only quantified for GHGs in CalEEMod, since criteria pollutant emissions occur at the site of the power plant, which is typically off site.

The energy use from nonresidential land uses (natural gas usage per square foot per year) is calculated in CalEEMod based on the California Commercial End-Use Survey database and the energy use from residential land uses is calculated in CalEEMod based on the Residential Appliance Saturation Study. The current version of CalEEMod assumes compliance with the 2019 Title 24 Building Energy Efficiency Standards (CAPCOA 2022). However, construction of the proposed project would be required to comply with the 2022 Title 24 Standards at a minimum and depending on timing of full project buildout, may be required to comply with future, more stringent energy codes.

Mobile Sources

The project would generate criteria pollutant emissions from mobile sources (vehicular traffic) as a result of the employee passenger vehicles (workers) and truck traffic associated with operation of the project.

Emissions from the mobile sources during operation of the project were estimated in CalEEMod. Table 2-11 provides a summary of the project trip generation and vehicle fleet breakdown.

Table 2-11. Project Trip Generation

Land Use	ITE Code	Size/Units		Daily
Trip Rates				
Manufacturing[1]	140	TSF		4.75
Tire Recycling Facility[2]	Custom Survey[2]			165
Proposed Project (Tire Recycling Facility & Manufacturing)				
Tire Recycling Facility[3]	From custom survey		TSF	248
Passenger Vehicles		42.0%		104
Trucks		58.0%		144
2-Axle Trucks		48.3%		70
3-Axle Trucks		22.4%		32
4+-Axle Trucks		29.3%		42
		Tire Recycling Trip Generation non-PCE		*248*
Manufacturing[1]	150	55.000	TSF	262
Vehicle Mix[4]		Percent[4]		
Passenger Vehicles		90.5%		237
Trucks		9.5%		25
2-Axle Trucks		32.7%		8

Table 2-11. Project Trip Generation

Land Use	ITE Code	Size/Units	Daily
3-Axle Trucks		17.9%	4
4+-Axle Trucks		49.4%	12
		Manufacturing Trip Generation Non-PCE	*262*
		Total Project Trip Generation (non-PCE)	**510**
		Total Project Trip Generation (PCE)[5]	**693**

Source: Dudek, 2025
Notes: TSF = Thousand Square Feet; PCE = Passenger Car Equivalent
1 Trip rates from the Institute of Transportation Engineers (ITE), Trip Generation, 11th Edition, 2021.
2 BJ Tire Facility at 14212 Santa Ana Ave, Fontana was surveyed to estimate the trip generation from the existing operation which may be relocated.
3 Per applicant provided information, the proposed operation at the project site (2240 Fleetwood Dr). would be 1.5 times the existing operation at the Fontana site.
4 Vehicle Mix and Percent from SCAQMD, Warehouse Truck Trip Study Data Results and Usage, July 2014.
5 Passenger Car Equivalent (PCE) factors per the City of Jurupa Valley TIA Guidelines, 2020.

The light-duty, medium-heavy-duty, and heavy-duty truck trip lengths for the proposed tire recycling facility were based on a weighted trip length using data from a variety of sources including similar operations, and EMFAC countywide averages. The weighted trip length for the tire recycling facility was estimated to be 26.7 miles.

The light-duty, medium-heavy-duty, and heavy-duty truck trip lengths for the proposed manufacturing use were based on a weighted trip length using data from a variety of sources including EMFAC countywide averages and SCAQMD WAIRE rule truck trip length . The manufacturing use's weighted trip length was estimated to be 24.82 miles. Additionally, truck trips were assumed to be 100% primary trips. Vehicle emissions occur during startup, operation (running), and idling, as well as from evaporative losses when the engines are resting. The emissions factors for trucks and passenger vehicles were determined using CalEEMod.

Project truck idling would be limited to 5 minutes in accordance with CARB's adopted Airborne Toxic Control Measure; however, for modeling purposes, it was conservatively assumed that the trucks would idle for a total of 15 minutes: 5 minutes at the entrance, 5 minutes at the loading dock, and 5 minutes at the exit of the project site.

Vehicle emissions occur during startup, operation (running), and idling, as well as from evaporative losses when the engines are resting. The emissions factors for motor vehicles were determined using CalEEMod defaults.

Off-Road Equipment

The project would include offroad equipment such as forklifts, excavators, and reach forklifts. According to the applicant representative, 4 of the forklifts would be propane, 2 excavators and 2 reach forklifts would be diesel-fueled.

To provide a conservative estimate of emissions, an additional 6 forklifts were assumed for the manufacturing use based on SCAQMD data. The forklifts were assumed to be diesel-fueled.

Stationary Sources

A stationary source is defined as any building, structure, facility, or installation which emits or may emit any pollutants. The project would not include any stationary sources.

2.3.2.3 Health Risk Assessments

2.3.2.3.1 Construction Health Risk Assessment

A construction HRA was performed to evaluate potential health risks associated with construction of the project. The following discussion summarizes the dispersion modeling and HRA methodology; supporting construction HRA documentation, including detailed assumptions, is presented in Appendix D, Health Risk Assessment.

For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating mainly from off-road equipment operating at a defined location for a given length of time at a given distance from sensitive receptors. Less intensive, more dispersed emissions result from on-road vehicle exhaust (e.g., heavy-duty diesel trucks). For the construction HRA, the CalEEMod scenario for the Project was adjusted to reduce diesel truck one-way trip distances to 0.25 miles to estimate emissions from truck pass-by at proximate receptors (SJVAPCD 2018).

The air dispersion modeling methodology was based on generally accepted modeling practices of SCAQMD (SCAQMD 2023f). Air dispersion modeling was performed using EPA's American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 21112 modeling system (computer software) with the Lakes Environmental Software implementation/user interface, AERMOD View Version 11.2.0. The HRA followed the Office of Environmental Health Hazard Assessment (OEHHA) 2015 guidelines (OEHHA 2015) and SCAQMD guidance to calculate the health risk impacts at all proximate receptors (on site and off site) as further discussed below. The dispersion modeling included the use of standard regulatory default options. AERMOD parameters were selected consistent with SCAQMD and EPA guidance and identified as representative of the Project site and Project activities. Principal parameters of this modeling are presented in Table 2-12.

Table 2-12. AERMOD Principal Parameters – Construction HRA

Parameter	Details
Meteorological Data	AERMOD-specific meteorological data for the Riverside Airport air monitoring station (#03171) was used for the dispersion modeling. A meteorological data set from 2012 through 2016 was obtained from SCAQMD in a preprocessed format suitable for use in AERMOD (SCAQMD 2023f).
Urban versus Rural Option	Urban dispersion option was selected per SCAQMD guidelines, which is the SCAQMD policy for all air quality impact analyses in its jurisdiction (SCAQMD 2022).
Terrain Characteristics	Digital elevation data were imported into AERMOD, and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the United States Geological Survey's National Elevation Dataset format with a resolution of 1 degree (approximately 30 meters), consistent with SCAQMD guidance (SCAQMD 2023g).
Source Release Characterizations	The modeled line of volume sources was placed to cover the site for each phase. A plume height dimension of 10 meters, a plume width dimension of 10 meters, and a release height of 5 meters were assumed for off-road equipment and diesel trucks (SCAQMD 2009).

Source: See Appendix D.
Notes: HRA = health risk assessment; AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model; SCAQMD = Sout Coast Air Quality Management District.

Regarding receptors, the construction scenario placed discrete receptors on the nearest residential receptors as well as other sensitive receptors (daycare facilities, healthcare facilities, and schools) to evaluate potential health risk impacts during project construction.

AERMOD was run with all sources emitting unit emissions (1 gram per second) to obtain the necessary input values for CARB's Hotspots Analysis and Reporting Program Version 2. The line of volume sources was partitioned evenly based on the 1 gram per second emission rate. The ground-level concentration plot files were then used to estimate the long-term cancer health risk to an individual, and the noncancerous chronic health indices. There is no reference exposure level for acute health impacts from DPM, and, thus, acute risk was not evaluated.

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in one million. Maximum Individual Cancer Risk is the estimated probability of a maximally exposed individual potentially contracting cancer as a result of exposure to TACs over a period of 30 years for residential receptor locations. For the construction HRA, the TAC exposure period was assumed to be from third trimester of pregnancy for 1.15 years for all off-site receptor locations (i.e., 1.15 years is the assumed duration of project construction).

SCAQMD has also established noncarcinogenic risk parameters for use In HRAs since some TACs increase noncancerous health risk due to long-term (chronic) exposures and some TACs increase noncancerous health risk due to short-term (acute) exposures. Chronic exposure is evaluated in the construction HRA. Noncarcinogenic risks are quantified by calculating a hazard index, expressed as the ratio between the ambient pollutant concentration and its toxicity or reference exposure level, which is a concentration at or below which health effects are not likely to occur. The chronic hazard index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system. A hazard index of less than one means that adverse health effects are not expected.

2.3.2.3.2 Operational Heath Risk Assessment

For the operational health risk, the operation year 2026 was assumed consistent with completion of project construction. Emissions from the operation of the project include truck trips, truck idling emissions, diesel-fueled and propane-fueled offroad equipment. For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating mainly from trucks traveling on site and off site and truck idling located at the loading docks. Truck and offroad equipment emissions were based on CalEEMod. Emission factors representing the vehicle and equipment mix and emissions for 2026 were used to estimate emissions associated with operation of the project. Truck idling would be limited to 5 minutes in accordance with CARB's adopted Airborne Toxic Control Measure; however, truck idling was conservatively assumed to idle for 15 minutes.[4] Therefore, the analysis conservatively overestimates DPM emissions from idling.

Conservatively, 2026 CalEEMod and a constant 2026 emission factor data set was used for the entire duration of the analysis (i.e., 30 years). Use of the 2026 emission factors would overstate potential impacts since this approach does not include reductions in emissions due to fleet turnover or cleaner technology with lower emissions. The truck travel DPM emissions were calculated by applying the exhaust PM_{10} emission factor from CalEEMod and the total truck trip number over the length of the distance traveled. In addition, the on-site truck idling exhaust emissions

[4] Although the project is required to comply with CARB's idling limit of 5 minutes, on-site idling emissions was estimated for 15 minutes of truck idling, which would consider on-site idling while the trucks are waiting to pull up to the loading dock, idling at the loading dock, and idling during check-in and check-out.

were calculated by applying the idle exhaust PM_{10} emission factor from EMFAC2021 and total truck trip over the total idling time (i.e., 15 minutes).

The dispersion modeling was performed using AERMOD (Version 23132). The truck traffic was modeled as a line of adjacent volume sources including the following truck movements:

Truck Route 1 Lucerne Valley:	South on Fleetwood Drive to Via Cerro, south on Market Street then east on State Route (SR) 60, to travel north on Interstate (I) 215 to Lucerne Valley. Approximately 38% of the trucks would travel in the direction of Lucerne Valley.
Truck Route 2 Azusa:	South on Fleetwood Drive to Via Cerro, south on Market Street then west on SR 60 to travel north on SR 71 to I-10. Approximately 25% of trucks would travel to in the direction of Azusa.
Truck Route 3 Port of Long Beach:	South on Fleetwood Drive to Via Cerro, south on Market Street then east on SR 60 to SR 91 to I-710. Approximately 25% of trucks would travel in the direction of the Port of Long Beach.
Truck Route 4 Other Locations1:	South on Fleetwood Drive to Via Cerro, south on Market Street then east on SR 60 to I-215. Approximately 6% of the trucks would travel this route.
Truck Route 4 Other Locations2:	South on Fleetwood Drive to Via Cerro, north on Market Street to Rubidoux Boulevard. Approximately 6% of the trucks would travel this route.to I-10. Approximately 6% of the trucks would travel this route.

The offroad equipment were also modeled as line volume sources operating near the loading docks and truck yard. CNG TAC emissions were calculated using SCAQMD's Risk Tool for 4-Stroke Rich Burn natural gas internal combustion engines. PM_{10} emissions from the individual offroad equipment were taken from CalEEMod.

Dispersion modeling receptors were placed at proximate sensitive receptors along the truck routes and near the project site's closest sensitive receptors.

As previously described, health effects from carcinogenic air toxics are usually described in terms of cancer risk. The SCAQMD recommends a carcinogenic (cancer) risk threshold of 10 in one million. Some TACs increase noncancer health risk due to long-term (chronic) exposures. A hazard index less than one (1.0) means that adverse health effects are not expected. Within this analysis, noncarcinogenic exposures of less than 1.0 are considered less than significant. The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long-term chronic health hazard impacts. No short-term, acute relative exposure values are established and regulated and are therefore not addressed in this assessment.

Dudek evaluated the project's potential cancer and noncancer health impacts using exposure periods appropriate to evaluate long-term emission increases (third trimester of pregnancy to 30 years). Emissions dispersion of DPM was modeled using AERMOD, then cancer risk and noncancer health impacts subsequently using the CARB HARP2

(ADMRT, Version 22118). The health risk results were then compared to SCAQMD thresholds to assess project significance. Principal parameters of this modeling are presented in Table 2-13.

Table 2-13. Operational Health Risk Assessment American Meteorological Society/ U.S. Environmental Protection Agency Regulatory Model Operational Principal Parameters

Parameter	Details
Meteorological Data	AERMOD-specific meteorological data for the Riverside Airport air monitoring station (#03171) was used for the dispersion modeling. A meteorological data set from 2012 through 2016 was obtained from SCAQMD in a preprocessed format suitable for use in AERMOD (SCAQMD 2023f).
Urban versus Rural Option	Urban dispersion option was selected per SCAQMD guidelines, which is the SCAQMD policy for all air quality impact analyses in its jurisdiction (SCAQMD 2022).
Terrain Characteristics	Digital elevation data were imported into AERMOD, and elevations were assigned to receptors and emission sources, as necessary. Digital elevation data were obtained through the AERMOD View in the United States Geological Survey's National Elevation Dataset format with a resolution of 1 degree (approximately 30 meters), consistent with SCAQMD guidance (SCAQMD 2023g).
Emission Sources and Release Parameters	Air dispersion modeling of off-site and on-site truck travel and truck idling were conducted using emissions generated using EMFAC2021 and CalEEMod. Diesel forklift and excavator emissions were estimated using CalEEMod. CNF forklifts were estimated using the SCAQMD Risk Tool for 4-Stroke rich burn natural gas internal combustion Engines.
Source Release Characterizations	The sources were all modeled as line volume sources. Release parameters were based on guidance from SCAQMD, EPA, and the San Joaquin Valley Air Pollution Control District. (EPA 2022a; SCAQMD 2009; SJVAPCD 2022).

Source: See Appendix D.
Note: AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model; SDAPCD = San Diego Air Pollution Control District; SCAQMD = South Coast Air Quality Management District; SJVAPCD = San Joaquin Valley Air Pollution Control District; EPA = U.S. Environmental Protection Agency.

Regarding receptors, the operation scenario placed discrete receptors on the nearest residential receptors as well as other sensitive receptors (daycare facilities, healthcare facilities, and schools) to evaluate potential health risk impacts during project construction. In addition, ddispersion modeling receptors were places at proximate sensitive receptors along the truck routes.

Cancer risk is defined as the increase in probability (chance) of an individual developing cancer due to exposure to a carcinogenic compound, typically expressed as the increased chances in one million. Maximum Individual Cancer Risk is the estimated probability of a maximally exposed individual potentially contracting cancer as a result of exposure to TACs over a period of 30 years for residential receptor locations. The HRA assumes exposure would start in the third trimester of pregnancy through 30 years for all residential sensitive receptor locations. The exposure pathway for DPM is inhalation only.

2.4 Impact Analysis

2.4.1 Would the project conflict with or obstruct implementation of the applicable air quality plan?

As previously discussed, the Project is located within the SCAB under the jurisdiction of SCAQMD, which is the local agency responsible for administration and enforcement of air quality regulations for the area. SCAQMD has established criteria for determining consistency with the AQMP, currently the 2022 AQMP, in Chapter 12, Sections 12.2 and 12.3, in the SCAQMD CEQA Air Quality Handbook (SCAQMD 1993). The criteria are as follows (SCAQMD 1993):

- **Consistency Criterion No. 1:** The project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards of the interim emissions reductions specified in the AQMP.
- **Consistency Criterion No. 2:** The project will not exceed the assumptions in the AQMP, or increments based on the year of project buildout and phase.

Consistency Criterion No. 1

Threshold 2 below applies the SCAQMD mass daily construction and operational thresholds to evaluate the Project's potential impacts with regards to cumulatively considerable net increase of a nonattainment criteria pollutant, as well as the potential for the Project to result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations (Consistency Criterion No. 1).

As discussed below, emissions resulting from the project construction would not exceed the criteria pollutant thresholds established by SCAQMD for VOC and NO_x emissions, as demonstrated in Table 2-14. This impact would be **less than significant**.

Project operational-source air pollutant emissions would similarly not result in exceedances of regional thresholds for emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$, as demonstrated in Table 2-15. As such, the project's criteria air pollutant emissions are considered **less than significant**, and the project would not have the potential to increase the frequency or severity of a violation in the federal or state ambient air quality. Thus, the project would not conflict with Consistency Criterion No. 1 of the SCAQMD CEQA Air Quality Handbook resulting in a **less than significant impact**. The health effects of criteria air pollutants are discussed in depth under Section 2.4.2 below (Threshold 2).

Consistency Criterion No. 2

The 2022 AQMP accommodates planned growth in the SCAB. Projects are considered consistent with, and would not conflict with or obstruct implementation of, the 2022 AQMP if the growth in socioeconomic factors (e.g., population, employment) is consistent with the underlying regional plans used to develop the AQMP (per Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook).

SCAQMD primarily uses demographic growth forecasts for various socioeconomic categories (e.g., population, housing, employment by industry) developed by SCAG for its RTP/SCS (SCAG 2024), which is based on General

Plans for cities and counties in the SCAB, for the development of the AQMP emissions inventory (SCAQMD 2022).[5] The SCAG 2020–2050 RTP/SCS (Connect SoCal) and associated Regional Growth Forecast are generally consistent with the local plans; therefore, the 2022 AQMP is generally consistent with local government plans.

The project site is designated as Heavy Industrial under the City's General Plan and zoned Manufacturing-Heavy (M-H) under the City's municipal code. The project would be consistent with the current land use designation and does not require a General Plan amendment, as such the project would not conflict with socioeconomic factors used to develop the AQMP assumptions resulting in a **less than significant impact.**

Summary

The Project would not conflict with Consistency Criterion No. 1 and Consistency Criterion No. 2 of the SCAQMD CEQA Air Quality Handbook, and impacts would be **less than significant**.

Level of Significance Before Mitigation

Impacts would be **less than significant** before mitigation.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

The project's potential to conflict with or obstruct implementation of the applicable air quality plan would be **less than significant without mitigation**.

2.4.2 Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?

By its nature, air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and SCAQMD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are used in the determination of whether a project's individual emissions would have a cumulatively considerable contribution on air quality. If a project's emissions would exceed the applicable significance thresholds, it would have a cumulatively considerable contribution. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant (SCAQMD 2003a).

[5] Information necessary to produce the emission inventory for the SCAB is obtained from SCAQMD and other governmental agencies, including CARB, the California Department of Transportation, and SCAG. Each of these agencies is responsible for collecting data (e.g., industry growth factors, socioeconomic projections, travel activity levels, emission factors, emission speciation profile, and emissions) and developing methodologies (e.g., model and demographic forecast improvements) required to generate a comprehensive emissions inventory. SCAG incorporates these data into its Travel Demand Model for estimating/projecting VMT and driving speeds. SCAG's socioeconomic and transportation activities projections in its 2020 RTP/SCS are integrated in the 2022 AQMP (SCAQMD 2022).

In considering cumulative impacts from the Project, the analysis must specifically evaluate the Project's contribution to the cumulative increase in pollutants for which the SCAB is designated as nonattainment for the CAAQS and NAAQS. As discussed previously, the SCAB has been designated as a national nonattainment area for O_3 and $PM_{2.5}$, and a California nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. Construction and operation of the Project would result in emissions of criteria air pollutants, which may result in a cumulatively considerable increase in emissions of criteria air pollutants for which the SCAB is designated as nonattainment under the NAAQS or CAAQS. The following discussion quantitatively evaluates potential short-term construction and long-term operational impacts that would result from implementation of the Project.

Construction Emissions

Proposed construction activities would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing from architectural coatings and asphalt pavement application) and off-site sources (i.e., on-road haul trucks, delivery trucks, and worker vehicle trips). Construction emissions can vary substantially from day to day, depending on the level of activity, the specific type of operation, and, for dust, the prevailing weather conditions. Therefore, such emissions levels can only be estimated, with a corresponding uncertainty in precise ambient air quality impacts.

As discussed in Section 2.3.2.1, Construction Emissions, criteria air pollutant emissions associated with temporary construction activity were quantified using CalEEMod based on the construction information presented in Tables 2-6 through 2-17. Construction schedule assumptions, including phase type, duration, and sequencing, were based on information provided by the Project applicant and are intended to represent a reasonable scenario based on the best information available. Default values provided in CalEEMod were used where detailed Project information was not available.

Implementation of the Project would generate criteria air pollutant emissions from entrained dust, off-road equipment, vehicle emissions, architectural coatings, and asphalt pavement application. Entrained dust results from the exposure of earth surfaces to wind from the direct disturbance and movement of soil, resulting in PM_{10} and $PM_{2.5}$ emissions. The Project will be required to comply with SCAQMD Rule 403 to control dust emissions generated during the grading activities. Standard construction practices that were assumed to be employed to reduce fugitive dust emissions, and were quantified in CalEEMod, include watering of the active sites two times per day depending on weather conditions. Internal combustion engines used by construction equipment, haul trucks, vendor trucks (i.e., delivery trucks), and worker vehicles would result in emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$. The application of architectural coatings, such as exterior application/interior paint and other finishes, and application of asphalt pavement would also produce VOC emissions; however, the contractor will be required to procure architectural coatings from a supplier in compliance with the requirements of SCAQMD Rule 1113 (Architectural Coatings).

Construction emissions were calculated for the estimated worst-case day over the construction period associated with each phase and reported as the maximum daily emissions estimated during each year of construction (2025 through 2026). Table 2-14 presents the estimated maximum daily construction emissions generated during construction of the Project. "Summer" emissions are representative of the conditions that may occur during the O_3 season (May 1 to October 31), and "winter" emissions are representative of the conditions that may occur during the balance of the year (November 1 to April 30). Details of the emission calculations are provided in Appendix A.

Table 2-14. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions – Unmitigated

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds Per Day					
Summer						
2025	1.29	11.06	15.81	0.03	1.00	0.54
Winter						
2025	3.39	31.87	31.27	0.05	9.30	5.26
2026	42.64	10.47	14.96	0.03	0.95	0.49
Maximum Daily Emissions	**42.64**	**31.87**	**31.27**	**0.05**	**9.30**	**5.26**
SCAQMD Threshold	*75*	*100*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: Appendix A.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD= South Coast Air Quality Management District.

As shown in Table 2-14, emissions resulting from the project construction would not exceed the criteria pollutant thresholds established by SCAQMD. This impact would be **less than significant**.

Operational Emissions

Operation of the project would generate VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions from mobile sources, including vehicular traffic generated by employees and customers, energy sources from natural gas usage; area sources, including the use of landscaping equipment, consumer products, offroad sources such as forklifts and excavators, and architectural coatings. As discussed in Section 2.3.2.2, Operational Emissions, pollutant emissions associated with long-term operations were quantified using CalEEMod using a combination of project-specific information and CalEEMod default values. The project would relocate an existing facility; accordingly, the existing emissions are also estimated.

Table 2-15 compares the maximum daily emissions associated with project operation (year 2026) to SCAQMD thresholds. Details of the emission calculations are provided in Appendix A.

Table 2-15. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions – 2026 – Unmitigated

Emissions Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Summer						
Mobile	1.29	11.03	18.49	0.13	7.92	2.19
Area	2.59	0.03	3.54	<0.01	0.01	<0.01
Energy	0.05	0.94	0.79	0.01	0.07	0.07
Offroad	0.90	12.94	57.50	0.02	0.37	0.34
Total Daily Summer Emissions	**4.82**	**24.94**	**80.32**	**0.15**	**8.37**	**2.61**

Table 2-15. Estimated Maximum Daily Operation Criteria Air Pollutant Emissions – 2026 – Unmitigated

Emissions Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day					
Winter						
Mobile	1.23	11.56	15.16	0.13	7.92	2.19
Area	2.00					
Energy	0.05	0.94	0.79	0.01	0.07	0.07
Offroad	0.90	12.94	57.50	0.02	0.37	0.34
Total Daily Winter Emissions	**4.33**	**21.89**	**73.45**	**0.15**	**8.20**	**2.49**
Maximum Daily Emissions	**4.82**	**24.94**	**80.32**	**0.15**	**8.37**	**2.61**
SCAQMD Threshold	*55*	*55*	*550*	*150*	*150*	*55*
Threshold Exceeded?	**No**	**No**	**No**	**No**	**No**	**No**

Source: See Appendix A for complete results.
Notes: VOC = volatile organic compound; NO_x = oxides of nitrogen; CO = carbon monoxide; SO_x = sulfur oxides; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; NA= Not Applicable.
<0.01 = reported value less than 0.01.

As shown in Table 2-15, the project would not exceed the numerical thresholds of significance established by SCAQMD.

As discussed in Section 2.2.2.1, Criteria Air Pollutants, the SCAB has been designated as a national nonattainment area for O_3 and $PM_{2.5}$, and a California nonattainment area for O_3, PM_{10}, and $PM_{2.5}$. The nonattainment status is the result of cumulative emissions from various sources of air pollutants and their precursors within the SCAB, including motor vehicles, off-road equipment, and commercial and industrial facilities. Construction and operation of the project would generate VOC and NO_x emissions (which are precursors to O_3) and emissions of PM_{10} and $PM_{2.5}$. Because the project-generated operational emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$ would not exceed the SCAQMD thresholds, the project would not result in a cumulatively considerable increase in emissions of nonattainment pollutants. Therefore, the project's cumulative air quality impact from operational emissions would be **less than significant**.

Health Effects of Criteria Pollutants

The California Supreme Court's Sierra Club v. County of Fresno (2018) 6 Cal. 5th 502 decision (referred to herein as the Friant Ranch decision) (issued on December 24, 2018) addresses the need to correlate mass emission values for criteria air pollutants to specific health consequences and contains the following direction from the California Supreme Court: "The Environmental Impact Report (EIR) must provide an adequate analysis to inform the public how its bare numbers translate to create potential adverse impacts or it must explain what the agency *does* know and why, given existing scientific constraints, it cannot translate potential health impacts further" (Italics in original) (Sierra Club v. County of Fresno 2018). The following discussion summarizes the detailed information within Appendix C, Health Effects of Criteria Air Pollutants.

Currently, SCAQMD, CARB, and EPA have not approved a quantitative method to reliably, meaningfully, and consistently translate the mass emission estimates for the criteria air pollutants resulting from the Project to specific health effects. In addition, there are numerous scientific and technological complexities associated with

correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days.

In connection with the judicial proceedings culminating in issuance of the Friant Ranch decision, SCAQMD and the San Joaquin Valley Air Pollution Control District (SJVAPCD) filed amicus briefs attesting to the extreme difficulty of correlating an individual project's criteria air pollutant emissions to specific health impacts. Both SJVAPCD and SCAQMD have among the most sophisticated air quality modeling and health impact evaluation capabilities of the air districts in California. The key, relevant points from the SCAQMD and SJVAPCD briefs are summarized herein.

In requiring a health impact type of analysis for criteria air pollutants, it is important to understand how O_3 and PM are formed, dispersed, and regulated. The formation of O_3 and PM in the atmosphere, as secondary pollutants,[6] involves complex chemical and physical interactions of multiple pollutants from natural and anthropogenic sources. The O_3 reaction is self-perpetuating (or catalytic) in the presence of sunlight because NO_2 is photochemically reformed from nitric oxide. In this way, O_3 is controlled by both NO_x and VOC emissions (NRC 2005). The complexity of these interacting cycles of pollutants means that incremental decreases in one emission may not result in proportional decreases in O_3 (NRC 2005). Although these reactions and interactions are well understood, variability in emission source operations and meteorology creates uncertainty in the modeled O_3 concentrations to which downwind populations may be exposed (NRC 2005). Once formed, O_3 can be transported long distances by wind and due to atmospheric transport; contributions of precursors from the surrounding region can also be important (EPA 2008). Because of the complexity of O_3 formation, a specific tonnage amount of VOCs or NO_X emitted in a particular area does not equate to a particular concentration of O_3 in that area (SJVAPCD 2015). PM can be divided into two categories: directly emitted PM and secondary PM. Secondary PM, like O_3, is formed via complex chemical reactions in the atmosphere between precursor chemicals such as SO_x and NO_x (SJVAPCD 2015). Because of the complexity of secondary PM formation, including the potential to be transported long distances by wind, the tonnage of PM-forming precursor emissions in an area does not necessarily result in an equivalent concentration of secondary PM in that area (SJVAPCD 2015). This is especially true for individual projects, like the Project, where project-generated criteria air pollutant emissions are not derived from a single "point source," but from construction equipment and mobile sources (passenger cars and trucks) driving to, from, and around the Project sites.

Another important technical nuance is that health effects from air pollutants are related to the concentration of the air pollutant that an individual is exposed to, not necessarily the individual mass quantity of emissions associated with an individual project. For example, health effects from O_3 are correlated with increases in the ambient level of O_3 in the air a person breathes (SCAQMD 2015). However, it takes a large amount of additional precursor emissions to cause a modeled increase in ambient O_3 levels over an entire region (SCAQMD 2015). The lack of link between the tonnage of precursor pollutants and the concentration of O_3 and $PM_{2.5}$ formed is important because it is not necessarily the tonnage of precursor pollutants that causes human health effects; rather, it is the concentration of resulting O_3 that causes these effects (SJVAPCD 2015). Indeed, the ambient air quality standards, which are statutorily required to be set by EPA at levels that are requisite to protect the public health, are established as concentrations of O_3 and $PM_{2.5}$ and not as tonnages of their precursor pollutants (SJVAPCD 2015). Because the ambient air quality standards are focused on achieving a particular concentration region-wide, the tools and plans for attaining the ambient air quality standards are regional in nature. For CEQA analyses, project-generated emissions are typically estimated in pounds per day or tons per year and compared to mass daily or annual emission thresholds. While CEQA thresholds are established at levels that the air basin can accommodate without affecting the attainment date for the ambient air quality standards, even if a project exceeds established CEQA significance

6 Air pollutants formed through chemical reactions in the atmosphere are referred to as secondary pollutants.

thresholds, this does not mean that one can easily determine the concentration of O_3 or PM that will be created at or near the project site on a particular day or month of the year, or what specific health impacts will occur (SJVAPCD 2015).

In regard to regional concentrations and air basin attainment, SJVAPCD emphasized that attempting to identify a change in background pollutant concentrations that can be attributed to a single project, even one as large as the entire Friant Ranch Specific Plan,[7] is a theoretical exercise. The SJVAPCD brief noted that it "would be extremely difficult to model the impact on NAAQS attainment that the emissions from the Friant Ranch project may have" (SJVAPCD 2015). The situation is further complicated by the fact that background concentrations of regional pollutants are not uniform either temporally or geographically throughout an air basin but are constantly fluctuating based upon meteorology and other environmental factors. SJVAPCD noted that the currently available modeling tools are equipped to model the impact of all emission sources in the San Joaquin Valley Air Basin on attainment (SJVAPCD 2015). The SJVAPCD brief then indicated that "[r]unning the photochemical grid model used for predicting O_3 attainment with the emissions solely from the Friant Ranch project (which equate to less than one-tenth of one percent of the total NO_x and VOC in the Valley) is not likely to yield valid information given the relative scale involved" (SJVAPCD 2015).

SCAQMD and SJVAPCD have indicated that it is not feasible to quantify project-level health impacts based on existing modeling (SCAQMD 2015; SJVAPCD 2015). Even if a metric could be calculated, it would not be reliable because the models are equipped to model the impact of all emission sources in an air basin on attainment and would likely not yield valid information or a measurable increase in O_3 concentrations sufficient to accurately quantify O_3-related health impacts for an individual project.

Nonetheless, following the Supreme Court's Friant Ranch decision, some EIRs where estimated criteria air pollutant emissions exceeded applicable air district thresholds have included a quantitative analysis of potential project-generated health effects using a combination of a regional photochemical grid model[8] and the EPA Benefits Mapping and Analysis Program (BenMAP or BenMAP–Community Edition [CE]).[9] The publicly available health impact assessments (HIAs) typically present results in terms of an increase in health incidences and/or the increase in background health incidence for various health outcomes resulting from the project's estimated increase in concentrations of O_3 and $PM_{2.5}$.[10] To date, the six publicly available HIAs reviewed herein have concluded that the

7 The Friant Ranch Specific Plan proposed 2,683 single-family age-restricted units, 83 multifamily age-restricted units, 180 non-age-restricted multifamily units, and 250,000 square feet of commercial village within a Village Core that also provides for up to 50 residential units on approximately 942 acres (County of Fresno 2010).

8 The first step in the publicly available health impact assessments (HIAs) includes running a regional photochemical grid model, such as the Community Multiscale Air Quality model or the Comprehensive Air Quality Model with extensions to estimate the increase in concentrations of O_3 and $PM_{2.5}$ as a result of project-generated emissions of criteria and precursor pollutants. Air districts, such as SCAQMD, use photochemical air quality models for regional air quality planning. These photochemical models are large-scale air quality models that simulate the changes of pollutant concentrations in the atmosphere using a set of mathematical equations characterizing the chemical and physical processes in the atmosphere (EPA 2023d).

9 After estimating the increase in concentrations of O_3 and $PM_{2.5}$, the second step in the six examples includes use of BenMAP or BenMAP-CE to estimate the resulting associated health effects. BenMAP estimates the number of health incidences resulting from changes in air pollution concentrations (EPA 2023e). The health impact function in BenMAP-CE incorporates four key sources of data: (i) modeled or monitored air quality changes, (ii) population, (iii) baseline incidence rates, and (iv) an effect estimate. All of the five example HIAs focused on O_3 and $PM_{2.5}$.

10 The following CEQA documents included a quantitative HIA to address Friant Ranch: (1) World Logistics Center Revised Final EIR (City of Moreno Valley 2019), (2) March Joint Powers Association K4 Warehouse and Cactus Channel Improvements EIR (March JPA 2019), (3) Mineta San Jose Airport Amendment to the Airport Master Plan EIR (City of San Jose 2019), (4) City of Inglewood Basketball and Entertainment Center Project EIR (City of Inglewood 2019), (5) San Diego State University Mission Valley Campus Master Plan EIR (SDSU 2019), and (6) California State University Dominguez Hills 2018 Campus Master Plan EIR (CSU Dominguez Hills 2019).

evaluated project's health effects associated with the estimated project-generated increase in concentrations of O_3 and $PM_{2.5}$ represent a small increase in incidences and a very small percent of the number of background incidences, indicating that these health impacts are negligible and potentially within the models' margin of error. It is also important to note that while the results of the six available HIAs conclude that the project emissions do not result in a substantial increase in health incidences, the estimated emissions and assumed toxicity is also conservatively inputted into the HIA and thus, overestimate health incidences, particularly for $PM_{2.5}$.

As explained in the SJVAPCD brief and noted previously, running the photochemical grid model used for predicting O_3 attainment with the emissions solely from an individual project like the Friant Ranch project or the Project is not likely to yield valid information given the relative scale involved. The six examples reviewed support the SJVAPCD brief's contention that consistent, reliable, and meaningful results may not be provided by methods applied at this time. Accordingly, additional work in the industry and more importantly, air district participation, is needed to develop a more meaningful analysis to correlate project-level mass criteria air pollutant emissions and health effects for decision makers and the public. Furthermore, at the time of writing, no HIA has concluded that health effects estimated using the photochemical grid model and BenMAP approach are substantial provided that the estimated project-generated incidences represent a very small percent of the number of background incidences, potentially within the models' margin of error.

Construction of the project would not result in emissions that would not exceed the SCAQMD thresholds for criteria air pollutants.

As discussed in Section 2.1.2, Pollutants and Effects, health effects associated with O_3 include respiratory symptoms, worsening of lung disease leading to premature death, and damage to lung tissue. VOCs and NO_x are precursors to O_3, for which the SCAB is designated as nonattainment with respect to the NAAQS and CAAQS. The contribution of VOCs and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SCAB due to O_3 precursor emissions tend to be found downwind of the source location because of the time required for the photochemical reactions to occur. Further, the potential for exacerbating excessive O_3 concentrations would also depend on the time of year that the VOC emissions would occur, because exceedances of the O_3 NAAQS and CAAQS tend to occur between April and October when solar radiation is highest. As described above, due to the lack of quantitative methods to assess this complex photochemistry, the holistic effect of a single project's emissions of O_3 precursors is speculative. Because the project would not exceed the SCAQMD VOC and NO_x thresholds during project operation, the project is not anticipated to contribute to health effects associated with O_3.

Health effects associated with NO_x and NO_2 (which is a constituent of NO_x) include lung irritation and enhanced allergic responses (see Section 2.1.2). Project-related NO_x emissions would not exceed the SCAQMD operational mass daily thresholds. Because the SCAB is a designated attainment area for NO_2 (and NO_2 is a constituent of NO_x) and the existing NO_2 concentrations in the area are well below the NAAQS and CAAQS standards,[11] it is not anticipated that the project would cause an exceedance of the NAAQS and CAAQS for NO_2 or result in potential health effects associated with NO_2 and NO_x. The project would not exceed the SCAQMD NO_x threshold during project operation, the project is not anticipated to contribute to health effects associated with NO_x and NO_2.

[11] See Table 2-2, which shows that ambient concentrations of NO_2 at the Riverside-Rubidoux monitoring station have not exceeded the NAAQS or CAAQS between 2020 and 2022.

Health effects associated with CO include chest pain in patients with heart disease, headache, light-headedness, and reduced mental alertness (see Section 2.1.2). CO tends to be a localized impact associated with congested intersections. The potential for CO hotspots is discussed under Section 2.4.3 below and determined to be less than significant. Thus, the project's CO emissions would not contribute to significant health effects associated with CO.

Health effects associated with PM_{10} and $PM_{2.5}$ include premature death and hospitalization, primarily for worsening of respiratory disease (see Section 2.1.2). Operation of the Project would not exceed the SCAQMD thresholds for PM_{10} and $PM_{2.5}$. As such, the project is not anticipated to contribute to exceedances of the NAAQS and CAAQS for PM and obstruct the SCAB from coming into attainment and resulting in associated health effects.

In summary, there are numerous scientific and technological complexities associated with correlating criteria air pollutant emissions from an individual project to specific health effects or potential additional nonattainment days, and methods available to quantitatively evaluate health effects may not be appropriate to apply to emissions associated with the project, which cannot be estimated with a high-level of accuracy.

Level of Significance Before Mitigation

Project-generated criteria air pollutant emissions during construction and operation would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Construction and operation would be **less than significant without mitigation.**

2.4.3 Would the project expose sensitive receptors to substantial pollutant concentrations?

Localized Significance Thresholds Analysis

Construction

Construction activities associated with the project would result in temporary sources of on-site fugitive dust and construction equipment emissions. An LST analysis has been prepared to determine potential impacts to sensitive receptors during construction of the project. As indicated in the discussion of the thresholds of significance, SCAQMD recommends the evaluation of localized NO_2, CO, PM_{10}, and $PM_{2.5}$ impacts due to construction activities because of sensitive receptors in the vicinity of the project site. The impacts were analyzed using methods consistent with those in SCAQMD's Final Localized Significance Threshold Methodology (2009). According to the Final Localized Significance Threshold Methodology, "Off-site mobile emissions from the project should not be included in the emissions compared to the LSTs" (SCAQMD 2009). Trucks and worker trips associated with the project are not expected to cause substantial air quality impacts to sensitive receptors along off-site roadways since emissions would be relatively brief in nature and would cease once the vehicles pass through the main streets. Nonetheless, to conservatively capture potential vehicle activity within the project boundary (i.e., fence line), a small

portion (i.e., 0.25 miles) of the off-site vehicle travel for worker vehicles, vendor trucks, and haul trucks were conservatively treated as on-site emissions for the LST analysis.

The estimated maximum daily unmitigated on-site construction emissions generated by the project are presented in Table 2-16 and compared to the applicable SCAQMD LSTs. See Appendix B, CalEEMod Localized Significance Thresholds Files, for supporting CalEEMod LST files.

Table 2-16. Localized Significance Thresholds Analysis for Project Construction – Unmitigated

Maximum On-Site Emissions	NO_2	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
Summer				
2025	10.44	13.04	0.43	0.40
Winter				
2025	31.64	30.18	9.03	5.20
2026	9.85	12.97	0.38	0.35
Maximum	**31.64**	**30.18**	**9.03**	**5.20**
SCAQMD LST	*118*	*602*	*101*	*40.2*
LST Exceeded?	**No**	**No**	**No**	**No**

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
LSTs are shown for a 1-acre project site corresponding to a distance to a sensitive receptor of 292 meters for a residential receptor for PM10 and PM2.5 and 25 meters for a commercial receptor for NO2 and CO because they have short-term ambient air quality standards. The estimates reflect control of fugitive dust (watering two times daily) required by SCAQMD Rule 403.

As depicted in Table 2-16, the project would not result in emissions of NO_2, CO, PM_{10} and $PM_{2.5}$ that would exceed the applicable SCAQMD LSTs. As such the project would result in a **less than significant impact** related to construction LST.

Operation

According to the SCAQMD LST methodology, LSTs would apply to the operational phase of a project only if it includes stationary sources or attracts mobile sources that may spend long periods queuing and idling at a site (e.g., warehouse or transfer facilities). Because the project includes a tire recycling facility and warehouse use that include both offroad equipment and trucks an operational LST analysis was prepared to evaluate impacts to sensitive receptors. Like the construction LST analysis, SCAQMD recommends the evaluation of localized NO_2, CO, PM_{10}, and $PM_{2.5}$ impacts. The Final Localized Significance Threshold Methodology states that "Off-site mobile emissions from the project should not be included in the emissions compared to the LSTs" (SCAQMD 2009). Although trucks and worker trips associated with the project are not expected to cause substantial air quality impacts to sensitive receptors along off-site roadways because emissions would be relatively brief in nature and would cease once the vehicles pass through the main streets, a portion of their emissions were included in the analysis. To conservatively capture potential vehicle activity within the project boundary (i.e., fence line), a small portion (i.e., 0.25 miles) of the off-site vehicle travel for worker vehicles and trucks were conservatively treated as on-site emissions for the LST analysis.

The estimated maximum daily unmitigated on-site operational emissions generated by the project are presented in Table 2-17 and compared to the applicable SCAQMD LSTs. See Appendix B, CalEEMod Localized Significance Thresholds Files, for supporting CalEEMod LST files.

Table 2-17. Localized Significance Thresholds Analysis for Project Operation – Unmitigated

Maximum On-Site Emissions	NO_2	CO	PM_{10}	$PM_{2.5}$
	Pounds per Day			
Summer				
2026	21.31	74.07	0.84	0.71
Winter				
2026	21.35	70.84	0.83	0.71
Maximum	**21.35**	**74.07**	**0.84**	**0.71**
SCAQMD LST	*118*	*602*	*25*	*10*
LST Exceeded?	**No**	**No**	**No**	**No**

Source: SCAQMD 2009.
Notes: NO_2 = nitrogen dioxide; CO = carbon monoxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SCAQMD = South Coast Air Quality Management District; LST = localized significance threshold.
LSTs are shown for a 3.75-acre project site corresponding to a distance to a sensitive receptor of 25 meters. The estimates reflect control of fugitive dust (watering two times daily) required by SCAQMD Rule 403.

As depicted in Table 2-17, the project would not result in emissions of NO_2, CO, PM_{10} and $PM_{2.5}$ that would exceed the applicable SCAQMD LSTs. As such the project would result in a **less than significant impact** related to operational LST.

Health Effects of Carbon Monoxide (Potential for Carbon Monoxide Hotspots)

Mobile source impacts occur on two scales. Regionally, project-related travel would add to regional trip generation and increase the VMT within the local airshed and the SCAB. Locally, traffic generated by the project would be added to the local roadway system near the Project site. If such traffic occurs during periods of poor atmospheric ventilation, is composed of many vehicles cold-started and operating at pollution-inefficient speeds and is operating on roadways already crowded with non-project traffic, there is a potential for the formation of microscale CO hotspots in the area immediately around points of congested traffic. Because of continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SCAB is steadily decreasing.

At the time that the SCAQMD Handbook (1993) was published, the SCAB was designated nonattainment under the CAAQS and NAAQS for CO. In 2007, the SCAB was designated in attainment for CO under both the CAAQS and NAAQS as a result of the steady decline in CO concentrations in the SCAB due to turnover of older vehicles, introduction of cleaner fuels, and implementation of control technology on industrial facilities. SCAQMD conducted CO modeling for the 2003 AQMP[12] (SCAQMD 2003b) for the four worst-case intersections in the SCAB: (1) Wilshire Boulevard and Veteran Avenue, (2) Sunset Boulevard and Highland Avenue, (3) La Cienega Boulevard and Century Boulevard, and (4) Long Beach Boulevard and Imperial Highway. At the time the 2003 AQMP was prepared, the

12 SCAQMD's CO hotspot modeling guidance has not changed since 2003.

intersection of Wilshire Boulevard and Veteran Avenue was the most congested intersection in Los Angeles County, with an average daily traffic volume of about 100,000 vehicles per day. Using CO emission factors for 2002, the peak modeled CO 1-hour concentration was estimated to be 4.6 ppm at the intersection of Wilshire Boulevard and Veteran Avenue. When added to the maximum 1-hour CO concentration from 2020 through 2022 at the Riverside-Rubidoux monitoring station (see Table 2-2, Local Ambient Air Quality Data), which was 3.3 ppm in 2022, the 1-hour CO would be 7.9 ppm, while the CAAQS is 20 ppm.

The 2003 AQMP also projected 8-hour CO concentrations at these four intersections for 1997 and from 2002 through 2005. From years 2002 through 2005, the maximum 8-hour CO concentration was 3.8 ppm at the Sunset Boulevard and Highland Avenue intersection in 2002; the maximum 8-hour CO concentration was 3.4 ppm at the Wilshire Boulevard and Veteran Avenue in 2002. Adding the 3.8 ppm to the maximum 8-hour CO concentration from 2020 through 2022 at the Riverside-Rubidoux monitoring station (see Table 2-2), which was 1.8 ppm in 2021, the 8-hour CO would be 5.6 ppm, while the CAAQS is 9.0 ppm.

Accordingly, CO concentrations at congested intersections would not exceed the 1-hour or 8-hour CO CAAQS unless projected daily traffic would be over 100,000 vehicles per day (e.g., intersections exceeding 100,000 vehicles per day do not necessarily result in a CO hotspot, but instead may require additional analysis per the methodology applied herein).

The traffic analysis prepared for the project evaluated average daily trips at two intersections within the project area. Under existing plus project conditions with full build-out of the project, the maximum daily intersection volume was estimated to be 19,917 at Market Street south of 24th Street and 1,628 at Fleetwood Drive between Via Cerro and Via Ricardo (Dudek 2024).

Regarding potential CO hotspots during construction, the maximum daily trips during construction are estimated to be 70 daily trips (during building grading), which would be substantially less than operational trip generation at project build-out. Thus, the maximum daily intersection volume with the addition of these vehicles on the roadway network during construction would be less than during operation. In addition, as identified in Table 2-16 and Table 2-17, the project would not result in on-site CO emissions that would exceed the SCAQMD LST.

Because the project would not contribute vehicles to any study intersection that would experience more than 100,000 vehicles per day during construction or operation and would not result in on-site CO emissions that would exceed the SCAQMD LST threshold during construction or operation, a CO hotspot is not anticipated to occur, and associated impacts would be less than significant. As such, potential project-generated impacts associated with CO hotspots during construction and operation would be **less than significant**.

Toxic Air Contaminants

Construction Health Risks

As discussed in Section 2.3.2.3.1, Construction Health Risk Assessment, a construction HRA was performed to estimate the Maximum Individual Cancer Risk and the Chronic Hazard Index for proximate residential receptors because of project construction. Results of the construction HRA under unmitigated conditions are presented in Table 2-18.

Table 2-18. Construction Health Risk Assessment Results – Unmitigated

Impact Parameter	UTME (m)	UTMN (m)	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential Off Site	465811.38	3763804.1	Per Million	1.42	10	Less than significant
Chronic Hazard Index – Residential Off Site	465811.38	3763804.1	Index Value	0.002	1.0	Less than Significant

Source: SCAQMD 2023e.
Note: UTME = Universal Transverse Mercator East; m = meter; UTMN = Universal Transverse Mercator North; CEQA = California Environmental Quality Act.
See Appendix D.

As shown in Table 2-18, project construction activities would result in a Residential Maximum Individual Cancer Risk of 1.42 in 1 million for off-site receptors, which does not exceed the significance threshold of 10 in 1 million. The project's construction TAC health risk impacts would be **less than significant**.

Operational Health Risks

As discussed in 2.3.2.3.2, an operational HRA was performed to estimate the Maximum Individual Cancer Risk and the Chronic Hazard Index for existing sensitive receptors (existing residences) because of project operations. Results of the operational HRA are presented in Table 2-19.

Table 2-19. Operation Health Risk Assessment Results – Unmitigated

Impact Parameter	UTME (m)	UTMN (m)	Units	Project Impact	CEQA Threshold	Level of Significance
Maximum Individual Cancer Risk – Residential Off Site	465815.89	3763795.75	Per Million	2.12	10	Less than significant
Chronic Hazard Index – Residential Off Site	465815.89	3763795.75	Index Value	0.0129	1.0	Less than Significant

Source: SCAQMD 2023e.
Note: UTME = Universal Transverse Mercator East; m = meter; UTMN = Universal Transverse Mercator North; CEQA = California Environmental Quality Act.
See Appendix D.

As shown in Table 2-19, the DPM emissions from operation of the project would result in a Maximum Individual Cancer Risk of 2.12 in 1 million and a Chronic Hazard Index of 0.0129, which are both below the SCAQMD's significance thresholds of 10 in a million and 1, respectively. The operational health risk impact would be **less than significant**.

Note that mitigation measures implemented to reduce GHG emissions would further reduce this risk by eliminating most of the diesel-fueled offroad equipment on the project site.

Cumulative Health Risk

The SCAQMD does not have an established cumulative health risk approach but has initiated a public process (including five Working Group meetings as of March 2024) for the development of additional guidance for public agencies when they evaluate cumulative air quality impacts from increased concentrations of TACs for projects subject to the requirements of CEQA.

Notably, as part of this public process, SCAQMD has not included most construction activity in its cumulative health risk analysis recommendations since construction is typically short-term. However, the draft applicability framework of the SCAQMD's cumulative health risk concept includes long-term construction, with transportation projects such as high-speed rail provided as the example. The draft applicability framework does not define what number of years equates to long-term construction. Because construction of the project is assumed to have a duration of 1.5 years, it would qualify as a short-term project under the final SCAQMD guidance, if/once issued. As described above, the project itself would result in less than significant health risk impacts from construction. Therefore, it is anticipated that the project would also not result in a cumulatively considerable health risk impact from construction.

Regarding cumulative operational health risks, the SCAQMD draft documents currently indicate a project may have a cumulatively significant impact if the project results in a cancer risk of greater than 10 in a million, and thus requires further analysis to describe the severity of cumulative impacts. As shown above, the project results in an operational cancer risk of 2.12 in a million, which is less than the SCAQMD 10 in a million cancer risk threshold, accordingly the project would not result in a cumulatively considerable health risk from operations.

Overall, based on the preceding considerations, potential cumulative health risk associated with project development would be **less than significant.**

Valley Fever

As discussed in Section 2.1.2.2, Non-criteria Air Pollutants, valley fever is not highly endemic to Riverside County, with an incident rate of 18.4 cases per 100,000 people in 2021 (CDPH 2021). The California counties considered highly endemic for valley fever include Kern (306.2 per 100,000), Kings (108.3 per 100,000), Tulare (65.8 per 100,000), San Luis Obispo (61.0 per 100,000), Fresno (39.8 per 100,000), Merced (28.3 per 100,000), and Monterey (27.0 per 100,000), which accounted for 52.1% of the reported cases in 2021 (CDPH 2021).

Even if present at the site, construction activities may not result in increased incidence of valley fever. Propagation of valley fever is dependent on climatic conditions, with the potential for growth and surface exposure highest following early seasonal rains and long dry spells. Valley fever spores can be released when filaments are disturbed by earth-moving activities, although receptors must be exposed to and inhale the spores to be at increased risk of developing valley fever. Moreover, exposure to valley fever does not guarantee that an individual will become ill—approximately 60% of people exposed to the fungal spores are asymptomatic and show no signs of an infection (USGS 2000).

To reduce fugitive dust from the project and minimize adverse air quality impacts, the project would employ dust control measures in accordance with SCAQMD Rules 401 and 403, which limit the amount of fugitive dust generated during construction. These requirements are consistent with California Department of Public Health recommendations for the implementation of dust control measures, including regular application of water during soil-disturbance activities, to reduce exposure to valley fever by minimizing the potential that the fungal spores

become airborne (CDPH 2013). Further, regulations designed to minimize exposure to valley fever hazards are included in Title 8 of the California Code of Regulations and would be complied with during the project's construction phase (California Department of Industrial Relations 2017).

In summary, the project would not result in a significant impact attributable to valley fever exposure based on its geographic location and compliance with applicable regulatory standards and dust control measures, which will serve to minimize the release of and exposure to fungal spores. Therefore, impacts associated with valley fever exposure for sensitive receptors would be **less than significant**.

Level of Significance Before Mitigation

Localized criteria air pollutant emissions and potential cancer health risks during construction would be **less than significant**. The potential for CO hotspots, operational health risks from TACs, and valley fever exposure would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

All impacts are **less than significant without mitigation**.

2.4.4 Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Construction and operation of the project would result in various emissions; however, criteria air pollutants, fugitive dust, and TACs are addressed under Sections 2.4.2 and 2.4.3, above. As such, this impact analysis is focused on the potential for an odor impact to occur. The occurrence and severity of potential odor impacts depends on numerous factors. The nature, frequency, and intensity of the source; the wind speeds and direction; and the sensitivity of receiving location each contribute to the intensity of the impact. Although offensive odors seldom cause physical harm, they can be annoying and cause distress among the public and generate citizen complaints.

Odors would be generated from vehicles and/or equipment exhaust emissions during construction of the project. Odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application. Such odors would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Therefore, impacts associated with odors during construction would be considered less than significant.

Land uses and industrial operations associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. The project would not engage in any of these activities or other potential activities that would generate operational odors. The project includes a tire recycling facility and warehouse use. The tire recycling facility does not include tire pyrolysis or combustion of materials that would result in odors. Therefore, the project would result in an odor impact that is **less than significant**.

Level of Significance Before Mitigation

Impacts would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be **less than significant without mitigation**.

3 Greenhouse Gas Emissions

3.1 Environmental Setting

3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period (i.e., decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the sun's energy reaching Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2023f).

The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect traps heat in the troposphere through a threefold process as follows: Short-wave radiation emitted by the Sun is absorbed by the Earth, the Earth emits a portion of this energy in the form of long-wave radiation, and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on the Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise.

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that, in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. Recent climate changes, in particular the warming observed over the past century, however, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-twentieth century and is the most significant driver of observed climate change (IPCC 2013; EPA 2023e). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2013). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions and secondarily from emissions associated with land use changes (IPCC 2013). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.1.5, Potential Effects of Climate Change.

3.1.2 Greenhouse Gases

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code, Section 38505(g), for purposes of administering many of the state's primary GHG emission reduction programs, GHGs include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen trifluoride (NF_3). (See also CEQA Guidelines, Section 15364.5.) Some GHGs, such as CO_2, CH_4, and N_2O, occur naturally and are emitted into the atmosphere through natural processes and human activities. Of these gases, CO_2 and CH_4 are emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater heat-

absorption potential than CO_2, include fluorinated gases, such as HFCs, PFCs, and SF_6, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.[13]

Carbon Dioxide. CO_2 is a naturally occurring gas and a by-product of human activities and is the principal anthropogenic (i.e., caused by human activity) GHG that affects the Earth's radiative balance. Natural sources of CO_2 include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate CO_2 are the combustion of fuels such as coal, oil, natural gas, and wood and changes in land use.

Methane. CH_4 is produced through both natural and human activities. CH_4 is a flammable gas and is the main component of natural gas. CH_4 is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

Nitrous Oxide. N_2O is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create N_2O. Sources of N_2O include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using N_2O as a propellant (e.g., rockets, racecars, and aerosol sprays).

Fluorinated Gases. Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric O_3-depleting substances (e.g., chlorofluorocarbons [CFCs], hydrochlorofluorocarbons [HCFCs], and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to O_3-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the O_3-depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.
- **Sulfur Hexafluoride:** SF_6 is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF_6 is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** NF_3 is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.

[13] The descriptions of GHGs are summarized from the Intergovernmental Panel on Climate Change (IPCC) Second Assessment Report (1995), IPCC Fourth Assessment Report (2007), CARB's "GHG Inventory Glossary" (2024), and EPA's "Glossary of Climate Change Terms" (2024).

Chlorofluorocarbons. CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere) and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric O_3.

Hydrochlorofluorocarbons. HCFCs are a large group of compounds, whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

Black Carbon. Black carbon is a component of fine PM, which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influences cloud formation, and darkens the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived species that varies spatially, which makes it difficult to quantify the global warming potential (GWP). DPM emissions are a major source of black carbon and are TACs that have been regulated and controlled in California for several decades to protect public health. In relation to declining DPM from the CARB regulations pertaining to diesel engines, diesel fuels, and burning activities, CARB estimates that annual black carbon emissions in California have reduced by 70% between 1990 and 2010, with 95% control expected by 2020 (CARB 2014).

Water Vapor. The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere and maintains a climate necessary for life.

Ozone. Tropospheric O_3, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric O_3, which is created by the interaction between solar ultraviolet radiation and molecular oxygen (O_2), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric O_3, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

Aerosols. Aerosols are suspensions of PM in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat and can cool the atmosphere by reflecting light.

3.1.3 Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA 2023g). The Intergovernmental Panel on Climate Change (IPCC) developed the GWP concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of a trace substance relative to

that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in metric tons (MT) of CO_2 equivalent (CO_2e).

The current version of CalEEMod (version 2022.1.1.20) assumes that the GWP for CH_4 is 25 (so emissions of 1 MT of CH_4 are equivalent to emissions of 25 MT of CO_2), and the GWP for N_2O is 298, based on the IPCC Fourth Assessment Report (IPCC 2007). The GWP values identified in CalEEMod were applied to the Project.

3.1.4 Sources of Greenhouse Gas Emissions

Per EPA's Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2021, total United States GHG emissions were approximately 6,340.2 million metric tons (MMT) CO_2e in 2021 (EPA 2023g). Total U.S. emissions have decreased by 2.3% from 1990 to 2021, down from a high of 15.8% above 1990 levels in 2007. Emissions increased from 2020 to 2021 by 5.2% (314.3 MMT CO_2e). Net emissions (i.e., including sinks) were 5,586.0 MMT CO_2e in 2021. Overall, net emissions increased 6.4% from 2020 to 2021 and decreased 16.6% from 2005 levels. Between 2020 and 2021, the increase in total GHG emissions was driven largely by an increase in CO_2 emissions from fossil fuel combustion due to economic activity rebounding after the height of the COVID-19 pandemic. The CO_2 emissions from fossil fuel combustion increased by 6.8% from 2020 to 2021, including a 11.4% increase in transportation sector emissions and a 7.0% increase in electric power sector emissions. The increase in electric power sector emissions was due in part to an increase in electricity demand of 2.4% since 2020. Overall, there has been a decrease in electric power sector emissions from 1990 through 2021, which reflects the combined impacts of long-term trends in many factors, including population, economic growth, energy markets, technological changes including energy efficiency, and the carbon intensity of energy fuel choices (EPA 2023h).

According to California's 2000–2020 GHG emissions inventory (2022 edition), California emitted approximately 369 MMT CO_2e in 2020, including emissions resulting from out-of-state electrical generation (CARB 2022h). The sources of GHG emissions in California include transportation, industry, electric power production from both in-state and out-of-state sources, residential and commercial activities, agriculture, high-GWP substances, and recycling and waste. As shown, as of 2020, transportation represents 37% of the total percentage of annual GHG emissions in California. Table 3-1 presents California GHG emission source categories and their relative contributions to the emissions inventory in 2020.

Table 3-1. Greenhouse Gas Emissions Sources in California

Source Category	Annual GHG Emissions (MMT CO_2e)[a]	Percent of Total[a]
Transportation	135.9	37
Industrial	73.5	20
Electric power	59.4	16
Commercial and Residential	38.8	10
Agriculture	31.8	9
High global-warming potential substances	21.4	6
Recycling and waste	8.9	2
Total	**369.2**	**100**

Source: CARB 2022h.
Notes: GHG = greenhouse gas; MMT CO_2e = million metric tons of carbon dioxide equivalent.
Emissions reflect the 2020 California GHG inventory by Scoping Plan Category (CARB 2022h).
[a] Percentage of total and annual GHG emissions have been rounded, and total may not sum due to rounding.

3.1.5 Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources through uncertain impacts related to future air temperatures and precipitation patterns. The 2014 IPCC Synthesis Report (IPCC 2014) indicated that warming of the climate system is unequivocal, and since the 1950s, many of the observed changes are unprecedented over decades to millennia. Signs that global climate change has occurred include warming of the atmosphere and ocean, diminished amounts of snow and ice, rising sea levels, and ocean acidification (IPCC 2014).

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, frequency of severe weather events, and electricity demand and supply. The primary effect of global climate change has been a rise in average global tropospheric temperature. Global surface temperature in the first two decades of the twenty-first century (2001–2020) was 0.99 [0.84 to 1.10]°C higher than 1850–1900 (IPCC 2023). Global surface temperature has increased faster since 1970 than in any other 50-year period over at least the last 2000 years (IPCC 2023). Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. Human activities, principally through emissions of GHGs, have unequivocally caused global warming, with global surface temperature reaching 1.1°C above 1850-1900 in 2011-2020 (IPCC 2023).

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. OEHHA identified various indicators of climate change in California, which are scientifically based measurements that track trends in various aspects of climate change. Many indicators reveal discernible evidence that climate change is occurring in California and is having significant, measurable impacts in the state. Changes in the state's climate have been observed including an increase in annual average air temperature, more frequent extreme heat events, more extreme drought, a decline in winter chill, an increase in cooling degree days and a decrease in heating degree days, and an increase in variability of statewide precipitation (OEHHA 2022b).

Warming temperatures and changing precipitation patterns have altered California's physical systems—the ocean, lakes, rivers and snowpack—upon which the state depends. Winter snowpack and spring snowmelt runoff from the Sierra Nevada and southern Cascade Mountains provide approximately one-third of the state's annual water supply. Impacts of climate on physical systems have been observed such as high variability of snow-water content (i.e., amount of water stored in snowpack), decrease in spring snowmelt runoff, glacier change (loss in area), rise in sea levels, increase in average lake water temperature and coastal ocean temperature, and a decrease in dissolved oxygen in coastal waters (OEHHA 2022b).

Impacts of climate change on biological systems, including humans, wildlife, and vegetation, have also been observed including climate change impacts on terrestrial, marine, and freshwater ecosystems. As with global observations, species responses include those consistent with warming: elevational or latitudinal shifts in range, changes in the timing of key plant and animal life cycle events, and changes in the abundance of species and in community composition. Humans are better able to adapt to a changing climate than plants and animals in natural ecosystems. Nevertheless, climate change poses a threat to public health as warming temperatures and changes in precipitation can affect vector-borne pathogen transmission and disease patterns in California as well as the variability of heat-related deaths and illnesses. In addition, since 1950, the area burned by wildfires each year has been increasing.

The California Natural Resources Agency (CNRA) has released four California Climate Change Assessments (in 2006, 2009, 2012, and 2018), which have addressed the following: acceleration of warming across the state, more intense and frequent heat waves, greater riverine flows, accelerating sea level rise, more intense and frequent drought, more severe and frequent wildfires, more severe storms and extreme weather events, shrinking snowpack and less overall precipitation, ocean acidification, hypoxia,[14] and warming. To address local and regional governments' need for information to support action in their communities, the Fourth Assessment (CNRA 2018) includes reports for nine regions of the state, including the Los Angeles Region, which includes the urbanized portion of Riverside County where the Project is located. Key projected climate changes for the Los Angeles Region include the following (CNRA 2018):

- Continued future warming over the Los Angeles Region. Across the region, average maximum temperatures are projected to increase around 4°F to 5°F by the mid-century, and 5°F to 8°F by the late century.
- Extreme temperatures are also expected to increase. The hottest day of the year may be up to 10°F warmer for many locations across the Los Angeles Region by the late century under certain model scenarios. The number of extremely hot days is also expected to increase across the region.
- Despite small changes in average precipitation, dry and wet extremes are both expected to increase. By the late twenty-first century, the wettest day of the year is expected to increase across most of the Los Angeles Region, with some locations experiencing 25% to 30% increases under certain model scenarios. Increased frequency and severity of atmospheric river events are also projected to occur for this region.
- Sea levels are projected to continue to rise in the future, but there is a large range based on emissions scenario and uncertainty in feedbacks in the climate system. Roughly 1 foot to 2 feet of sea level rise is projected by the mid-century, and the most extreme projections lead to 8 feet to 10 feet of sea level rise by the end of the century.
- Projections indicate that the number of wildfires may increase over southern California, but there remains uncertainty in quantifying future changes of burned area over the Los Angeles region.

3.2 Regulatory Setting

3.2.1 International Regulations

In 1988, the United Nations and the World Meteorological Organization established the IPCC to assess the scientific, technical, and socioeconomic information relevant to understanding the scientific basis for human-induced climate change, its potential impacts, and options for adaptation and mitigation. The most recent reports of the IPCC have emphasized the scientific consensus that real and measurable changes to the climate are occurring, that they are caused by human activity, and that significant adverse impacts on the environment, the economy, and human health and welfare are unavoidable.

On March 21, 1994, the United States joined a number of countries around the world in signing the United Nations Framework Convention on Climate Change. Under the Convention, governments agreed to gather and share information on GHG emissions, national policies, and best practices; launch national strategies for addressing GHG

[14] Hypoxia is the state in which oxygen is not available in sufficient amounts at the tissue level to maintain adequate homeostasis.

emissions and adapting to expected impacts, including the provision of financial and technological support to developing countries; and cooperate in preparing for adaptation to the impacts of global climate change.

3.2.2 Federal Regulations

Massachusetts v. U.S. Environmental Protection Agency

In Massachusetts v. EPA (April 2007), the U.S. Supreme Court ruled that CO_2 was a pollutant and directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In making these decisions, the EPA administrator is required to follow the language of Section 202(a) of the Clean Air Act. On December 7, 2009, the administrator signed a final rule with two distinct findings regarding GHGs under Section 202(a) of the Clean Air Act:

- **Endangerment Finding:** The elevated concentrations of GHGs—CO_2, CH_4, N_2O, hydrofluorocarbons, perfluorocarbons, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations. This is referred to as the "endangerment finding."
- **Cause or Contribute Finding:** The combined emissions of GHGs—CO_2, CH_4, N_2O, and hydrofluorocarbons—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is referred to as the "cause or contribute finding."

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the Clean Air Act.

Energy Independence and Security Act

The Energy Independence and Security Act of 2007 (Public Law 110-140), among other key measures, would do the following in aiding the reduction of national GHG emissions:

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020, and direct National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy-efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

Federal Vehicle Standards

In 2007, in response to the Massachusetts v. EPA decision, the Bush Administration issued Executive Order (EO) 13432 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011; and, in 2010, the EPA and the NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012 through 2016 (75 FR 25324–25728).

In 2010, President Obama issued a memorandum directing the Department of Transportation, the Department of Energy, the EPA, and the NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the EPA and the NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017 through 2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO_2 in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017 through 2021 (77 FR 62624–63200). On January 12, 2017, the EPA finalized its decision to maintain the current GHG emissions standards for model years 2022–2025 cars and light trucks.

In 2011, in addition to the regulations applicable to cars and light-duty trucks described above, the EPA and the NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014 through 2018. The standards for CO_2 emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6% to 23% over the 2010 baselines (76 FR 57106–57513).

In August 2016, the EPA and the NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model year 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all sizes of buses and work trucks. The final standards are expected to lower CO_2 emissions by approximately 1.1 billion MT and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program (EPA and NHTSA 2016).

On April 2, 2018, the EPA, under administrator Scott Pruitt, reconsidered the final determination for light-duty vehicles and withdrew its previous 2017 determination, stating that the current standards may be too stringent and therefore should be revised as appropriate (83 FR 16077–16087).

In August 2018, the EPA and the NHTSA proposed to amend certain fuel economy and GHG standards for passenger cars and light trucks and to establish new standards for model years 2021 through 2026. Compared to maintaining the post-2020 standards then in place, the 2018 proposal would increase U.S. fuel consumption by about half a million barrels per day (2% to 3% of total daily consumption, according to the Energy Information Administration) and impact the global climate by 3/1000th of 1°C by 2100 (EPA and NHTSA 2018).

In 2019, the EPA and the NHTSA published the Safer Affordable Fuel-Efficient Vehicles Rule Part One: One National Program (SAFE-1) (84 FR 51310), which revoked California's authority to set its own GHG emissions standards and set zero-emission vehicle (ZEV) mandates in California. In March 2020, Part Two was issued, which set CO_2 emissions standards and Corporate Average Fuel Economy standards for passenger vehicles and light-duty trucks for model years 2021 through 2026.

In response to Executive Order 13990, on December 21, 2021, the NHTSA finalized the Corporate Average Fuel Economy Preemption rule to withdraw its portions of the Part One Rule. The final rule concluded that the Part One Rule overstepped the agency's legal authority and established overly broad prohibitions that did not account for a variety of important state and local interests.

In March 2022, the NHTSA established new fuel economy standards that would require an industry-wide fleet average of approximately 49 miles per gallon for passenger cars and light trucks in model year 2026, by increasing fuel efficiency by 8% annually for model years 2024 and 2025, and 10% annually for model year 2026.

The Inflation Reduction Act of 2022

The Inflation Reduction Act was signed into law by President Biden in August 2022. The Act includes specific investment in energy and climate reform and is projected to reduce GHG emissions within the United States by 40% as compared to 2005 levels by 2030. The Act allocates funds to boost renewable energy infrastructure (e.g., solar panels and wind turbines), includes tax credits for the purchase of electric vehicles (EVs), and includes measures that will make homes more energy efficient.

The Inflation Reduction Act authorized the EPA to implement the Greenhouse Gas Reduction Fund program, which is a historic, $27 billion investment to mobilize financing and private capital to combat the climate crisis and ensure American economic competitiveness. The Greenhouse Gas Reduction Fund will be designed to achieve the following program objectives: reduce GHG emissions and other air pollutants; deliver the benefits of GHG- and air-pollution-reducing projects to American communities, particularly low-income and disadvantaged communities; and mobilize financing and private capital to stimulate additional deployment of GHG and air pollution reducing projects (EPA 2023h).

The Inflation Reduction Act confirms that reduction of GHGs is a core goal of the Clean Air Act and that the funding provided should allow the EPA to increase the scope of its Clean Air Act rulemakings. The Act also confirms applicability of the Inflation Reduction Act to GHGs in three specific areas: (1) California's ability to regulate GHG emissions from vehicles; (2) the EPA's authority to regulate CH_4 emissions from oil and gas facilities; and (3) the EPA's authority to regulate GHG emissions from power plants.

3.2.3 State Regulations

The statewide GHG emissions regulatory framework is summarized in this subsection by category: state climate change targets, building energy, renewable energy and energy procurement, mobile sources, water, solid waste, and other state actions. The following text describes EOs, ABs, SBs, and other plans and policies that would directly or indirectly reduce GHG emissions and/or address climate change issues.

3.2.3.1 State Climate Change Targets

The state has taken a number of actions to address climate change. These actions are summarized below, and include EOs, legislation, and CARB plans and requirements.

Executive Order S-3-05

Executive Order S-3-05 (June 2005) identified GHG emissions-reduction targets and laid out responsibilities among the state agencies for implementing the EO and for reporting on progress toward the targets. This EO identified the following targets:

- By 2010, reduce GHG emissions to 2000 levels.
- By 2020, reduce GHG emissions to 1990 levels.
- By 2050, reduce GHG emissions to 80% below 1990 levels.

EO S-3-05 also directed the California Environmental Protection Agency to report biannually on progress made toward meeting the GHG targets and the impacts to California due to global warming, including impacts to water supply, public health, agriculture, the coastline, and forestry.

Assembly Bill 32

In furtherance of the goals identified in EO S-3-05, the Legislature enacted AB 32, the California Global Warming Solutions Act of 2006 (California Health and Safety Code Sections 38500–38599). AB 32 provided initial direction on creating a comprehensive multiyear program to limit California's GHG emissions at 1990 levels by 2020, and initiate the transformations required to achieve the state's long-range climate objectives.

Executive Order B-30-15

EO B-30-15 (April 2015) identified an interim GHG-reduction target in support of targets previously identified under S-3-05 and AB 32. EO B-30-15 set an interim target goal of reducing GHG emissions to 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050, as set forth in S-3-05. To facilitate achieving this goal, EO B-30-15 called for CARB to update the Climate Change Scoping Plan (Scoping Plan) to express the 2030 target in terms of millions of metric tons (MMT) CO_2e. The EO also called for state agencies to continue to develop and implement GHG emission-reduction programs in support of the reduction targets.

Senate Bill 32 and Assembly Bill 197

SB 32 and AB 197 (enacted in 2016) are companion bills. SB 32 codified the 2030 emissions-reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030. AB 197 established the Joint Legislative Committee on Climate Change Policies, consisting of at least three members of the Senate and three members of the Assembly, to provide ongoing oversight over implementation of the state's climate policies. AB 197 also added two members of the Legislature to the Board as nonvoting members; requires CARB to make available and update (at least annually via its website) emissions data for GHGs, criteria air pollutants, and TACs from reporting facilities; and requires CARB to identify specific information for GHG emissions-reduction measures when updating the Scoping Plan.

Executive Order B-55-18

EO B-55-18 (September 2018) identified a policy for the state to achieve carbon neutrality as soon as possible (no later than 2045) and achieve and maintain net negative emissions thereafter. The goal is in addition to the existing statewide targets of reducing the state's GHG emissions. CARB will work with relevant state agencies to ensure that future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal.

Assembly Bill 1279

The Legislature enacted AB 1279, the California Climate Crisis Act, in September 2022. The bill declares the policy of the state to achieve net zero GHG emissions as soon as possible, but no later than 2045, and achieve and maintain net negative GHG emissions thereafter. Additionally, the bill requires that by 2045, statewide anthropogenic GHG emissions be reduced to at least 85% below 1990 levels.

California Air Resources Board's Climate Change Scoping Plan

One specific requirement of AB 32 is for CARB to prepare a scoping plan to help achieve the maximum technologically feasible and cost-effective GHG emission reductions by 2020 (California Health and Safety Code Section 38561[a]), and to update the plan at least once every 5 years. In 2008, CARB approved the first scoping plan: The Climate Change Proposed Scoping Plan: A Framework for Change (Scoping Plan) (CARB 2008). The Scoping Plan included a mix of recommended strategies that combined direct regulations, market-based approaches, voluntary measures, policies, and other emission-reduction programs calculated to meet the 2020 statewide GHG emission limit and initiate the transformations needed to achieve the state's long-range climate objectives.

In 2014, CARB approved the first update to the Scoping Plan. The First Update to the Climate Change Scoping Plan: Building on the Framework (2014 Scoping Plan Update) defined the state's GHG emission reduction priorities for the next 5 years and laid the groundwork to start the transition to the post-2020 goals set forth in EO S-3-05 and EO B-16-2012 (CARB 2014). The 2014 Scoping Plan Update concluded that California was on track to meet the 2020 target, but recommended that a 2030 mid-term GHG reduction target be established to ensure a continuum of action to reduce emissions. The 2014 Scoping Plan Update recommended a mix of technologies in key economic sectors to reduce emissions through 2050 including energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and the rapid market penetration of efficient and clean energy technologies.

In December 2017, CARB released the 2017 Climate Change Scoping Plan Update (2017 Scoping Plan Update) for public review and comment (CARB 2017a). The 2017 Scoping Plan Update builds on the successful framework established in the initial Scoping Plan and 2014 Scoping Plan Update, while identifying new technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target and define the state's climate change priorities to 2030 and beyond. The strategies' known commitments include implementing renewable energy and energy efficiency (including the mandates of SB 350), increased stringency of the Low Carbon Fuel Standard, measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant (SLCP) Plan, and increased stringency of SB 375 targets. To fill the gap in additional reductions needed to achieve the 2030 target, the 2017 Scoping Plan Update recommends continuing the Cap-and-Trade Program and a measure to reduce GHGs from refineries by 20%.

CARB adopted the 2022 Scoping Plan Update in December 2022. The 2022 CARB Scoping Plan Update outlines the state's plan to reach carbon neutrality by 2045 or earlier, while also assessing the progress the state is making toward achieving GHG reduction goals by 2030. Per the Legislative Analyst's Office, the 2022 CARB Scoping Plan identifies a more aggressive 2030 GHG goal. As it relates to the 2030 goal, perhaps the most significant change in the 2022 plan (as compared to previous Scoping Plans) is that it identifies a new GHG target of 48% below the 1990 level, compared to the current statutory goal of 40% below. Current law requires the state to reduce GHG emissions by at least 40% below the 1990 level by 2030 but does not specify an alternative goal. According to CARB, a focus on the lower target is needed to put the state on a path to meeting the newly established 2045 goal, consistent with the overall path to 2045 carbon neutrality. The carbon neutrality goal requires CARB to expand proposed actions from only the reduction of anthropogenic sources of GHG emissions to also include those that capture and store carbon (e.g., through natural and working lands, or mechanical technologies). The carbon reduction programs build on and accelerate those currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable

options for walking, biking, and public transit; displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines); and scaling up new options such as green hydrogen (CARB 2022i).

The 2022 CARB Scoping Plan Update also emphasizes that there is no realistic path to carbon neutrality without carbon removal and sequestration, and to achieve the state's carbon neutrality goal, carbon reduction programs must be supplemented by strategies to remove and sequester carbon. Strategies for carbon removal and sequestration include carbon capture and storage from anthropogenic point sources, where CO_2 is captured as it leaves a facility's smokestack and is injected into geologic formations or used in industrial materials (e.g., concrete); and CO_2 removal from ambient air, through mechanical (e.g., direct air capture with sequestration) or nature-based (e.g., management of natural and working lands) applications.

The 2022 CARB Scoping Plan Update details "Local Actions" in Appendix D. The Appendix D Local Actions include recommendations to build momentum for local government actions that align with the state's climate goals, with a focus on local GHG reduction strategies (commonly referred to as climate action planning) and approval of new land use development projects, including through environmental review under CEQA. The recommendations provided in 2022 CARB Scoping Plan Appendix D are non-binding (i.e., not regulatory) and should not be interpreted as a directive to local governments, but rather as evidence-based analytical tools to assist local governments with their role as essential partners in achieving California's climate goals.

2022 CARB Scoping Plan Appendix D recognizes consistency with a CEQA-qualified GHG reduction plan such as a climate action plan (CAP) as a first option for evaluating potential GHG emission impacts under CEQA. Absent a qualified GHG reduction plan, for residential and mixed-use projects, 2022 CARB Scoping Plan Appendix D provides a second option for evaluating project consistency with recommendations for key attributes that projects should achieve that would align with the state's climate goals. These key attributes include EV charging infrastructure, infill location, no loss or conversion of natural and working lands, transit-supportive densities or proximity to transit stops, reducing parking requirements, provision of affordable housing (at least 20% of units), no net loss of existing affordable units, and all-electric appliances with no natural gas connection (CARB 2022i). Projects that achieve all key attributes are considered "clearly consistent" with the state's climate and housing goals, since these attributes address the largest sources of operational emissions for residential and mixed-use projects. According to the 2022 CARB Scoping Plan Update, in general, residential and mixed-use projects that incorporate all these attributes are aligned with the state's priority GHG reduction strategies for local climate action as shown on Table 1 of the 2022 CARB Scoping Plan Update, and with the state's climate and housing goals. Such projects are considered consistent with the Scoping Plan; and therefore, the GHG emissions associated with such projects generally result in a less-than-significant GHG impact under CEQA (CARB 2022i). Additionally, the 2022 CARB Scoping Plan Update states that lead agencies under CEQA "may determine, with adequate additional supporting evidence, that projects that incorporate some, but not all, of the key project attributes are consistent with the State's climate goals" (CARB 2022i).

The above is CARB's recommended approach for evaluating significance of GHG impacts for residential and mixed-use development projects (CARB 2022i). However, alternative approaches to evaluating project-level alignment with state climate goals are also provided in the 2022 CARB Scoping Plan Appendix D. Lead agencies under CEQA can make a significance determination based on whether the project would result in net-zero GHG emissions and whether the project is consistent with a significance determination/threshold recommended by the applicable air

district or other lead agencies (CARB 2022i). The 2022 CARB Scoping Plan Appendix D acknowledges, however, that net zero may not be feasible or appropriate for every project (CARB 2022i).

Executive Order B-18-12

EO B-18-12 (April 2012) directed state agencies, departments, and other entities under the Governor's executive authority to take action to reduce entity-wide GHG emissions by at least 10% by 2015 and 20% by 2020, as measured against a 2010 baseline. EO B-18-12 also identified goals for existing state buildings for reducing grid-based energy purchases and water use.

Senate Bill 605 and Senate Bill 1383

SB 605 (2014) requires CARB to complete a comprehensive strategy to reduce emissions of SLCPs in the state (California Health and Safety Code Section 39730) and SB 1383 (2016) requires CARB to approve and implement that strategy by January 1, 2018 (California Public Resources Code Sections 42652–43654). SB 1383 also establishes specific targets for the reduction of SLCPs (40% below 2013 levels by 2030 for CH_4 and HFCs, and 50% below 2013 levels by 2030 for anthropogenic black carbon) and provides direction for reductions from dairy and livestock operations and landfills. Accordingly, and as mentioned above, CARB adopted its SLCP Reduction Strategy in March 2017 (CARB 2017b). The SLCP Reduction Strategy establishes a framework for the statewide reduction of emissions of black carbon, CH_4, and fluorinated gases (CARB 2017b).

Assembly Bill 1757

AB 1757 (September 2022) requires the CNRA to determine a range of targets for natural carbon sequestration, and for nature-based climate solutions that reduce GHG emissions for future years 2030, 2038, and 2045. These targets are to be determined by no later than January 1, 2024, and are established to support the state's goals to achieve carbon neutrality and foster climate adaptation and resilience.

3.2.3.2 Building Energy

California Code of Regulations, Title 24, Part 6

The California Building Standards Code was established in 1978 and serves to enhance and regulate California's building standards. While not initially promulgated to reduce GHG emissions, Part 6 of Title 24 specifically established Building Energy Efficiency Standards that are designed to ensure that new and existing buildings in California achieve energy efficiency and preserve outdoor and indoor environmental quality. These energy efficiency standards are reviewed every 3 years by the Building Standards Commission and the California Energy Commission (CEC) and revised if necessary (California Public Resources Code Section 25402[b][1]). The regulations receive input from members of industry, as well as the public, to "reduce the wasteful, uneconomic, inefficient, or unnecessary consumption of energy" (California Public Resources Code Section 25402). These regulations are carefully scrutinized and analyzed for technological and economic feasibility (California Public Resources Code Section 25402[d]) and cost effectiveness (California Public Resources Code Section 25402[b][2–3]). As a result, these standards save energy, increase electricity supply reliability, increase indoor comfort, avoid the need to construct new power plants, and help preserve the environment.

The current Title 24, Part 6 standards, referred to as the 2022 Title 24 Building Energy Efficiency Standards, became effective on January 1, 2023. The 2022 Energy Code focuses on four key areas in newly constructed homes and businesses quality (CEC 2021):

- Encouraging electric heat pump technology for space and water heating, which consumes less energy and produces fewer emissions than gas-powered units.
- Establishing electric-ready requirements for single-family homes to position owners to use cleaner electric heating, cooking, and electric vehicle (EV) charging options whenever they choose to adopt those technologies.
- Expanding solar PV system and battery storage standards to make clean energy available on site and complement the state's progress toward a 100% clean electricity grid.
- Strengthening ventilation standards to improve indoor air quality.

California Code of Regulations, Title 24, Part 11

In addition to CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (24 CCR Part 11), which is commonly referred to as California Green Building Standards (CALGreen), establishes minimum mandatory standards and voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The CALGreen standards took effect in January 2011 and instituted mandatory minimum environmental performance standards for all ground-up new construction of commercial, low-rise residential and state-owned buildings and schools and hospitals. The 2022 CALGreen standards are the current applicable standards. For nonresidential projects, some of the key mandatory CALGreen 2022 standards involve requirements related to bicycle parking, designated parking for clean air vehicles, EV charging stations for passenger vehicles, medium heavy duty and heavy duty trucks , shade trees, water conserving plumbing fixtures and fittings, outdoor potable water use in landscaped areas, recycled water supply systems, construction waste management, excavated soil and land clearing debris, and commissioning (24 CCR Part 11).

California Code of Regulations, Title 20

Title 20 of the California Code of Regulations requires manufacturers of appliances to meet state and federal standards for energy and water efficiency (20 CCR 1401–1410). CEC certifies an appliance based on a manufacturer's demonstration that the appliance meets the standards. New appliances regulated under Title 20 include refrigerators, refrigerator-freezers, and freezers; room air conditioners and room air-conditioning heat pumps; central air conditioners; spot air conditioners; vented gas space heaters; gas pool heaters; plumbing fittings and plumbing fixtures; fluorescent lamp ballasts; lamps; emergency lighting; traffic signal modules; dishwaters; clothes washers and dryers; cooking products; electric motors; low voltage dry-type distribution transformers; power supplies; televisions and consumer audio and video equipment; and battery charger systems. Title 20 presents protocols for testing each type of appliance covered under the regulations and appliances must meet the standards for energy performance, energy design, water performance, and water design. Title 20 contains three types of standards for appliances: federal and state standards for federally regulated appliances, state standards for federally regulated appliances, and state standards for non-federally regulated appliances.

Senate Bill 1

SB 1 (2006) established a $3 billion rebate program to support the goal of the state to install rooftop solar energy systems with a generation capacity of 3,000 megawatts through 2016. SB 1 added sections to the California Public Resources Code, including Chapter 8.8 (California Solar Initiative), that require building projects applying for ratepayer-funded incentives for PV systems to meet minimum energy-efficiency levels and performance requirements (California Public Resources Code Sections 25780–25784). Section 25780 established that it is a goal of the state to establish a self-sufficient solar industry. The goals included establishing solar energy systems as a viable mainstream option for both homes and businesses within 10 years of adoption and placing solar energy systems on 50% of new homes within 13 years of adoption. SB 1, also termed "Go Solar California," was previously titled "Million Solar Roofs."

Assembly Bill 1470

This bill established the Solar Water Heating and Efficiency Act of 2007 (California Public Utilities Code Sections 2851–2869). The bill makes findings and declarations of the Legislature relating to the promotion of solar water heating systems and other technologies that reduce natural gas demand.

Assembly Bill 1109

Enacted in 2007, AB 1109 required CEC to adopt minimum energy efficiency standards for general-purpose lighting to reduce electricity consumption by 50% for indoor residential lighting and by 25% for indoor commercial lighting (California Public Resources Code Section 25402.5.4).

3.2.3.3 Renewable Energy and Energy Procurement

Senate Bill 1078, Senate Bill 1368, Executive Order S-14-08, Executive Order S-21-09 and Senate Bill X1-2, and Senate Bill 1020

SB 1078 (2002) (California Public Utilities Code Section 399.11 et seq.) established the Renewables Portfolio Standard (RPS) program, which required an annual increase in renewable generation by the utilities equivalent to at least 1% of sales, with an aggregate goal of 20% by 2017. This goal was subsequently accelerated, requiring utilities to obtain 20% of their power from renewable sources by 2010 (see SB 107, EO S-14-08, and EO S-21-09).

SB 1368 (2006), required CEC to develop and adopt regulations for GHG emission performance standards for the long-term procurement of electricity by local publicly owned utilities (California Public Utilities Code Section 8340–8341). These standards must be consistent with the standards adopted by the California Public Utilities Commission (CPUC).

EO S-14-08 (2008) focused on the contribution of renewable energy sources to meet the electrical needs of California while reducing the GHG emissions from the electrical sector. This EO required that all retail suppliers of electricity in California serve 33% of their load with renewable energy by 2020. Furthermore, the EO directed state agencies to take appropriate actions to facilitate reaching this target. CNRA, in collaboration with CEC and the California Department of Fish and Wildlife, was directed to lead this effort.

EO S-21-09 (2009) directed CARB to adopt a regulation consistent with the goal of EO S-14-08 by July 31, 2010. CARB was further directed to work with CPUC and CEC to ensure that the regulation builds upon the RPS program and was applicable to investor-owned utilities, publicly owned utilities, direct access providers, and community choice providers. Under this order, CARB was to give the highest priority to those renewable resources that provide the greatest environmental benefits with the least environmental costs and impacts on public health, and those that can be developed the most quickly in support of reliable, efficient, cost-effective electricity system operations. On September 23, 2010, CARB initially approved regulations to implement a Renewable Electricity Standard; however, this regulation was not finalized because of subsequent legislation (SB X1-2) signed by Governor Brown in April 2011.

SB X1-2 (April 2011) expanded RPS by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by December 31, 2013, and 33% by December 31, 2020, and in subsequent years. Under the bill, a renewable electrical generation facility is one that uses biomass, solar thermal, PV, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation (30 megawatts or less), digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect to its location. SB X1-2 applies to all electricity retailers in the state, including publicly owned utilities, investor-owned utilities, electricity service providers, and community choice aggregators. All these entities must meet the renewable energy goals listed above.

SB 350 (2015) further expanded the RPS program by establishing a goal of 50% of the total electricity sold to retail customers in California per year by December 31, 2030. In addition, SB 350 included the goal to double the energy efficiency savings in electricity and natural gas final end uses (such as heating, cooling, lighting, or class of energy uses on which an energy-efficiency program is focused) of retail customers through energy conservation and efficiency. The bill also requires CPUC, in consultation with CEC, to establish efficiency targets for electrical and gas corporations consistent with this goal.

SB 100 (2018) increased the standards set forth in SB 350, establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024; 52% by December 31, 2027; and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California. This bill requires that the achievement of 100% zero-carbon electricity resources do not increase the carbon emissions elsewhere in the western grid and that the achievement not be achieved through resource shuffling.

SB 1020 (September 2022) revises the standards from SB 100, requiring the following percentage of retail sales of electricity to California end-use customers to come from eligible renewable energy resources and zero-carbon resources: 90% by December 31, 2035; 95% by December 31, 2040; and 100% by December 31, 2045.

3.2.3.4 Mobile Sources

State Vehicle Standards (Assembly Bill 1493 and Executive Order B-16-12)

AB 1493 (July 2002) was enacted in response to the transportation sector accounting for a large share of California's CO_2 emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by CARB to be vehicles that are primarily used for noncommercial personal transportation in the state. The bill required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004.

EO B-16-12 (March 2012) required that state entities under the governor's direction and control support and facilitate the rapid commercialization of ZEVs. It ordered CARB, CEC, CPUC, and other relevant agencies to work with the Plug-In Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve benchmark goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 identified a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare. As explained under the "Federal Vehicle Standards" description in Section 3.2.2, Federal Regulations, EPA and NHTSA approved the SAFE Vehicles Rule Part One and Two, which revoked California's authority to set its own GHG emissions standards and set ZEV mandates in California.

As also explained in Section 3.2.2, in March 2022, EPA reinstated California's authority under the Clean Air Act to implement its own GHG emission standards and ZEV sales mandate. EPA's action concludes its reconsideration of the 2019 SAFE-1 rule by finding that the actions taken under the previous administration as a part of SAFE-1 were decided in error and are now entirely rescinded.

Heavy-Duty Diesel

CARB adopted the final Heavy-Duty Truck and Bus Regulation on December 31, 2014, to reduce DPM, a major source of black carbon, and NO_x emissions from heavy-duty diesel vehicles (13 CCR 2025). The rule requires that DPM filters be applied to newer heavier trucks and buses by January 1, 2012, with older vehicles required to comply by January 1, 2015. The rule will require nearly all diesel trucks and buses to be compliant with the 2010 model year engine requirement by January 1, 2023. CARB also adopted an Airborne Toxics Control Measure to limit idling of diesel-fueled commercial vehicles on December 12, 2013. This rule requires diesel-fueled vehicles with gross vehicle weights greater than 10,000 pounds to idle no more than 5 minutes at any location (13 CCR 2485).

Executive Order S-1-07

EO S-1-07 (January 2007, implementing regulation adopted in April 2009) sets a declining Low Carbon Fuel Standard for GHG emissions measured in CO_2e grams per unit of fuel energy sold in California. The target of the Low Carbon Fuel Standard is to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020 (17 CCR 95480 et seq.). The carbon intensity measures the amount of GHG emissions in the lifecycle of a fuel—including extraction/feedstock production, processing, transportation, and final consumption—per unit of energy delivered.

Senate Bill 375

SB 375 (California Government Code Section 65080) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 requires CARB to adopt regional GHG-reduction targets for the automobile and light-truck sector for 2020 and 2035, and to update those targets every 8 years. SB 375 requires the state's 18 regional metropolitan planning organizations (MPOs) to prepare an SCS as part of their RTP that will achieve the GHG-reduction targets set by CARB. If an MPO is unable to devise an SCS to achieve the GHG-reduction target, the MPO must prepare an alternative planning strategy demonstrating how the GHG-reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies.

An SCS does not (1) regulate the use of land; (2) supersede the land use authority of cities and counties; or (3) require that a city's or county's land use policies and regulations, including those in a general plan, be consistent with it (California Government Code Section 65080[b][2][K]). Nonetheless, SB 375 makes regional and local planning agencies responsible for developing those strategies as part of the federally required metropolitan transportation planning process and the state-mandated housing element process. Unlike AB 32, the California Global Warming Solutions Act of 2006, with its market mechanisms that generate cap-and-trade auction proceeds to the state for reinvestment, SB 375 does not provide any new financial resources to make the production and preservation of affordable homes near transit feasible (California Housing Partnership Corporation and TransForm 2014).

Advanced Clean Cars Program and Zero-Emissions Vehicle Program

The Advanced Clean Cars (ACC) I program (January 2012) is an emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package of regulations: the Low-Emission Vehicle (LEV) regulation for criteria air pollutant and GHG emissions and a technology forcing regulation for ZEVs that contributes to both types of emission reductions (CARB 2024a). The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars. To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that in 2025 cars will emit 75% less smog-forming pollution than the average new car sold in 2015. The ZEV program will act as the focused technology of the ACC I program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid EVs in the 2018 to 2025 model years.

The ACC II program, which was adopted in August 2022, established the next set of LEV and ZEV requirements for model years after 2025 to contribute to meeting federal ambient air quality O_3 standards and California's carbon neutrality standards (CARB 2024a). The main objectives of ACC II are as follows:

- Maximize criteria and GHG emission reductions through increased stringency and real-world reductions.
- Accelerate the transition to ZEVs through both increased stringency of requirements and associated actions to support wide-scale adoption and use.

The ACC II rulemaking package also considers technological feasibility, environmental impacts, equity, economic impacts, and consumer impacts.

Executive Order N-79-20

EO N-79-20 (September 2020) requires CARB to develop regulations as follows: (1) Passenger vehicle and truck regulations requiring increasing volumes of new ZEVs sold in the state towards the target of 100% of in-state sales by 2035; (2) medium- and heavy-duty vehicle regulations requiring increasing volumes of new zero-emission trucks and buses sold and operated in the state towards the target of 100% of the fleet transitioning to ZEVs by 2045 everywhere feasible and for all drayage trucks to be zero emission by 2035; and (3) strategies, in coordination with other state agencies, the EPA, and local air districts, to achieve 100% zero emissions from off-road vehicles and equipment operations in the state by 2035. EO N-79-20 called for the development of a ZEV Market Development Strategy, which was released February 2021, to be updated every 3 years, that ensures coordination and implementation of the EO and outlines actions to support new and used ZEV markets. In addition, the EO specifies identification of near-term actions, and investment strategies, to improve clean

transportation, sustainable freight, and transit options; and calls for development of strategies, recommendations, and actions by July 15, 2021, to manage and expedite the responsible closure and remediation of former oil extraction sites as the state transitions to a carbon-neutral economy.

Advanced Clean Trucks Regulation

The Advanced Clean Trucks Regulation was also approved by CARB in 2020. The purpose of the Advanced Clean Trucks Regulation is to accelerate the market for ZEVs in the medium- and heavy-duty truck sector and to reduce air pollutant emissions generated from on-road mobile sources (CARB 2024b). The regulation has two components, (1) a manufacturer sales requirement and (2) a reporting requirement:

- **Zero-emission truck sales:** Manufacturers who certify Class 2b–8 chassis or complete vehicles with combustion engines will be required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales would need to be 55% of Class 2b–3 truck sales, 75% of Class 4–8 straight truck sales, and 40% of truck tractor sales.
- **Company and fleet reporting:** Large employers including retailers, manufacturers, brokers, and others will be required to report information about shipments and shuttle services. Fleet owners with 50 or more trucks will be required to report about their existing fleet operations. This information will help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

3.2.3.5 Water

Senate Bill X7-7

SB X7-7, or the Water Conservation Act of 2009, required that all water suppliers increase their water use efficiency with an overall goal of reducing per capita urban water use by 20% by December 31, 2020. Each urban water supplier was required to develop water use targets to meet this goal.

Executive Order B-29-15

In response to the ongoing drought in California, EO B-29-15 (April 2015) set a goal of achieving a statewide reduction in potable urban water usage of 25% relative to water use in 2013. The term of the EO extended through February 28, 2016, although many of the directives have become permanent water-efficiency standards and requirements. The EO includes specific directives that set strict limits on water usage in the state. In response to EO B-29-15, the California Department of Water Resources has modified and adopted a revised version of the Model Water Efficient Landscape Ordinance that, among other changes, significantly increases the requirements for landscape water use efficiency and broadens its applicability to include new development projects with smaller landscape areas.

Executive Order N-10-21

In response to a state of emergency due to severe drought conditions, EO N-10-21 (July 2021) called on all Californians to voluntarily reduce their water use by 15% from their 2020 levels. Actions suggested in EO N-10-21 include reducing landscape irrigation, running dishwashers and washing machines only when full, finding and fixing leaks, installing water-efficient showerheads, taking shorter showers, using a shut-off nozzle on hoses, and taking cars to commercial car washes that use recycled water.

3.2.3.6 Solid Waste

Assembly Bill 939, Assembly Bill 341, Assembly Bill 1826, and Senate Bill 1383

In 1989, AB 939, known as the Integrated Waste Management Act (California Public Resources Code Section 40000 et seq.), was passed because of the increase in waste stream and the decrease in landfill capacity. The statute established the California Integrated Waste Management Board (replaced in 2010 by the California Department of Resources Recycling and Recovery, or CalRecycle), which oversees a disposal reporting system. AB 939 mandated a reduction of waste being disposed where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by the year 2000.

AB 341 (2011) amended the California Integrated Waste Management Act of 1989 to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by the year 2020, and annually thereafter. In addition, AB 341 required CalRecycle to develop strategies to achieve the state's policy goal. CalRecycle has conducted multiple workshops and published documents that identify priority strategies that it believes would assist the state in reaching the 75% goal by 2020.

AB 1826 (Chapter 727, Statutes of 2014, effective 2016) requires businesses to recycle their organic waste (i.e., food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food-soiled paper waste that is mixed in with food waste) depending on the amount of waste they generate per week. This law also requires local jurisdictions across the state to implement an organic waste recycling program to divert organic waste generated by businesses, including multifamily residential dwellings that consist of five or more units. The minimum threshold of organic waste generation by businesses decreases over time, which means an increasingly greater proportion of the commercial sector will be required to comply.

SB 1383 (2016) requires a 50% reduction in organic waste disposal from 2014 levels by 2020 and a 75% reduction by 2025—essentially requiring the diversion of up to 27 million tons of organic waste—to reduce GHG emissions. SB 1383 also requires that not less than 20% of edible food that is currently disposed be recovered for human consumption by 2025.

3.2.3.7 Other State Actions

Senate Bill 97

SB 97 (2007) directed the Governor's Office of Planning and Research and CNRA to develop guidelines under CEQA for the mitigation of GHG emissions. CNRA adopted the CEQA Guidelines amendments in December 2009, which became effective in March 2010.

Under the amended CEQA Guidelines, a lead agency has the discretion to determine whether to use a quantitative or qualitative analysis or apply performance standards to determine the significance of GHG emissions resulting from a particular project (14 CCR 15064.4[a]). The CEQA Guidelines require a lead agency to consider the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4[b]). The CEQA Guidelines also allow a lead agency to consider feasible means of mitigating the significant effects of GHG emissions, including reductions in emissions through the implementation of project features or off-site measures (14 CCR 15126.4[c]). The adopted

amendments do not establish a GHG emission threshold, instead allowing a lead agency to develop, adopt, and apply its own thresholds of significance or those developed by other agencies or experts. CNRA also acknowledged that a lead agency could consider compliance with regulations or requirements implementing AB 32 in determining the significance of a project's GHG emissions (CNRA 2009).

With respect to GHG emissions, CEQA Guidelines Section 15064.4(a), as subsequently amended in 2018, states that lead agencies "shall make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions. The CEQA Guidelines now note that an agency "shall have discretion to determine, in the context of a particular project, whether to: (1) Quantify greenhouse gas emissions resulting from a project; and/or (2) Rely on a qualitative analysis or performance-based standards" (14 CCR 15064.4[a]). Section 15064.4(b) states that the lead agency should consider the following when assessing the significance of impacts from GHG emissions on the environment: (1) the extent to which a project may increase or reduce GHG emissions as compared to the existing environmental setting; (2) whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4[b]).

Executive Order S-13-08

EO S-13-08 (November 2008) is intended to hasten California's response to the impacts of global climate change, particularly sea-level rise. Therefore, the EO directs state agencies to take specified actions to assess and plan for such impacts. The final 2009 California Climate Adaptation Strategy report was issued in December 2009, and an update, Safeguarding California: Reducing Climate Risk, followed in July 2014. To assess the state's vulnerability, the report summarizes key climate change impacts to the state for the following areas: agriculture, biodiversity and habitat, emergency management, energy, forestry, ocean and coastal ecosystems and resources, public health, transportation, and water. Issuance of Safeguarding California: Implementation Action Plans followed in March 2016. In January 2018, CNRA released the Safeguarding California Plan: 2018 Update, which communicates current and needed actions that state government should take to build climate change resiliency.

3.2.4 Local Regulations

3.2.4.1 South Coast Air Quality Management District

Air districts typically act in an advisory capacity to local governments in establishing the framework for environmental review of air pollution impacts under CEQA. This may include recommendations regarding significance thresholds, analytical tools to estimate emissions and assess impacts, and mitigations for potentially significant impacts. Although air districts will also address some of these issues on a project-specific basis as responsible agencies, they may provide general guidance to local governments on these issues (SCAQMD 2008).

3.2.4.2 Southern California Association of Governments

As noted above, California's 18 MPOs have been tasked with creating SCSs in an effort to reduce the region's VMT in order to help meet AB 32 targets through integrated transportation, land use, housing, and environmental planning. Pursuant to SB 375, CARB set per-capita GHG emission reduction targets from passenger vehicles for each of the state's 18 MPOs. For SCAG, the state's initial mandated reductions were set at 8% by 2020 and 13%

by 2035. In March 2018, CARB updated the SB 375 targets for SCAG to require 8% reduction by 2020 and a 19% reduction by 2035 in per-capita passenger vehicle GHG emissions.

The RTP/SCS is updated every 4 years. SCAG adopted the 2024-2050 RTP/SCS, also referred to as "Connect SoCal 2024" on April 4, 2024. The Connect SoCal 2024-2050 builds upon prior planning cycles to update the vision of the region's future (SCAG 2024). SCAG's Connect SoCal 2024–2050 RTP/SCS is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. The RTP/SCS is a regional growth management strategy, which targets per capita GHG reduction from passenger vehicles and light-duty trucks in the Southern California region pursuant to SB 375. In addition to demonstrating the region's ability to attain the GHG emission reduction targets set forth by CARB, the 2024–2050 RTP/SCS outlines a series of actions and strategies for integrating the transportation network with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands (SCAG 2024). Thus, successful implementation of the 2024–2050 RTP/SCS would result in more complete communities with various transportation and housing choices while reducing automobile use.

3.2.4.3 City of Jurupa Valley

The City adopted the City of Jurupa Valley 2017 General Plan on September 7, 2017 (City of Jurupa Valley 2017). The City's 2017 General Plan includes various policies related to greenhouse gases and climate change. Many of the measures discussed under Air Quality Section 2.2.3.3, would also have the co-benefit of reducing GHG emissions. The following policies would specifically apply to GHGs:

Air Quality Element

To be a City that:

Goal AQ 1. Works with regional, sub-regional, and state agencies to protect and improve air quality and reduce greenhouse gas emissions.

AQ 9.1. State and Regional Plans and Programs. Monitor federal, state, and regional plans and programs to stay abreast on emerging information, practices, and strategies to address climate change.

AQ 9.2. Critical Infrastructure. Locate critical infrastructure in areas not subject to severe climate change impacts, such as flooding.

AQ 9.3. Climate Action Plan. Work with WRCOG to periodically monitor and update the Subregional Climate Action Plan.

AQ 9.4. Vulnerability. Develop strategies to reduce the City's vulnerability to climate change impacts.

AQ 9.5. GHG Thresholds. Utilize the SCAQMD Draft GHG thresholds to evaluate development proposals until the City adopts a Climate Action Plan (CAP).

3.3 Significance Criteria and Methodology

3.3.1 Thresholds of Significance

CEQA Guidelines

The significance thresholds/criteria used to evaluate the Project's GHG emissions impacts are based on the recommendations provided in Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.). For the purposes of this GHG emissions analysis, the Project would have a significant environmental impact if it would:

1. Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment.
2. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

Global climate change is a cumulative impact; a project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. There are currently no established thresholds for assessing whether the GHG emissions of a project, such as the Project, would be considered a cumulatively considerable contribution to global climate change; however, all reasonable efforts should be made to minimize a project's contribution to global climate change. In addition, while GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008), GHG emissions impacts must also be evaluated on a project-level under CEQA.

With respect to GHG emissions, CEQA Guidelines Section 15064.4(a) states that lead agencies "shall make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions resulting from a project. The CEQA Guidelines note that an agency has the discretion to either quantify a project's GHG emissions or rely on a "qualitative analysis or performance-based standards" (14 CCR 15064.4[a]). A lead agency may use a "model or methodology" to estimate GHG emissions and has the discretion to select the model or methodology it considers "most appropriate to enable decision makers to intelligently take into account the project's incremental contribution to climate change" (14 CCR 15064.4[c]). The CEQA Guidelines provide that the lead agency should consider the following when determining the significance of impacts from GHG emissions on the environment (14 CCR 15064.4[b]):

1. The extent a project may increase or reduce GHG emissions as compared to the existing environmental setting.
2. Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project.
3. The extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions.

In addition, the CEQA Guidelines specify that "[w]hen adopting or using thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence" (14 CCR 15064.7[c]).

The extent to which a project increases or decreases GHG emissions in the existing environmental setting should be estimated in accordance with CEQA Guidelines Section 15064.4 titled "Determining the Significance of Impacts from Greenhouse Gas Emissions." The CEQA Guidelines indicate that when calculating GHG emissions resulting from a project, lead agencies shall make a good-faith effort based on scientific and factual data (14 CCR 15064.4[a]), and lead agencies have discretion to select the model or methodology deemed most appropriate for enabling decision makers to intelligently assess the project's incremental contribution to climate change (14 CCR 15064.4[c]).

The CEQA Guidelines do not indicate an amount of GHG emissions that constitutes a significant impact on the environment. Instead, they authorize the lead agency to consider thresholds of significance previously adopted or recommended by other public agencies or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence (14 CCR 15064.4[a] and 15064.7[c]).

Governor's Office of Planning and Research Guidance

The Governor's Office of Planning and Research technical advisory titled, "CEQA and Climate Change: Addressing Climate Change through California Environmental Quality Act (CEQA) Review," states that "public agencies are encouraged but not required to adopt thresholds of significance for environmental impacts. Even in the absence of clearly defined thresholds for GHG emissions, the law requires that such emissions from CEQA projects must be disclosed and mitigated to the extent feasible whenever the lead agency determines that the project contributes to a significant, cumulative climate change impact" (OPR 2008). Furthermore, the advisory document indicates that "in the absence of regulatory standards for GHG emissions or other scientific data to clearly define what constitutes a 'significant impact,' individual lead agencies may undertake a project-by-project analysis, consistent with available guidance and current CEQA practice" (OPR 2008).

South Coast Air Quality Management District Guidance

In October 2008, the SCAQMD proposed recommended numeric CEQA significance thresholds for GHG emissions for lead agencies to use in assessing GHG impacts of residential and commercial development projects as presented in its Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold (SCAQMD 2008b). This guidance document, which builds on the previous guidance prepared by the California Air Pollution Control Officers Association, explored various approaches for establishing a significance threshold for GHG emissions. The draft interim CEQA thresholds guidance document was not adopted or approved by the Governing Board. However, in December 2008, the SCAQMD adopted an interim 10,000 MT CO2e per-year screening level threshold for stationary source/industrial projects for which the SCAQMD is the lead agency (see SCAQMD Resolution No. 08-35).

The SCAQMD formed a GHG CEQA Significance Threshold Working Group to work with SCAQMD staff on developing GHG CEQA significance thresholds until statewide significance thresholds or guidelines are established. From December 2008 to September 2010, the SCAQMD hosted working group meetings and revised the draft threshold proposal several times, although it did not officially provide these proposals in a subsequent document. The SCAQMD has continued to consider adoption of significance thresholds for residential and general land use development projects. The most recent proposal, issued in September 2010, uses the following tiered approach to evaluate potential GHG impacts from various uses (SCAQMD 2010):

Tier 1 Determine if CEQA categorical exemptions are applicable. If not, move to Tier 2.

Tier 2 Consider whether or not the proposed project is consistent with a locally adopted GHG reduction plan that has gone through public hearing and CEQA review, that has an approved inventory, includes monitoring, etc. If not, move to Tier 3.

Tier 3 Consider whether the project generates GHG emissions in excess of screening thresholds for individual land uses. The 10,000 MT CO2e per year threshold for industrial uses would be recommended for use by all lead agencies. Under option 1, separate screening thresholds are proposed for residential projects (3,500 MT CO2e per year), commercial projects (1,400 MT CO2e per year), and mixed-use projects (3,000 MT CO2e per year). Under option 2, a single numerical screening threshold of 3,000 MT CO2e per year would be used for all non-industrial projects. If the project generates emissions in excess of the applicable screening threshold, move to Tier 4.

Tier 4 Consider whether the project generates GHG emissions in excess of applicable performance standards for the project service population (population plus employment). The efficiency targets were established based on the goal of AB 32 to reduce statewide GHG emissions to 1990 levels by 2020. The 2020 efficiency targets are 4.8 MT CO2e per service population per year (MT CO2e/SP/year) for project level analyses and 6.6 MT CO2e/SP/year for plan level analyses. The 2035 efficiency targets are 3.0 MT CO2e/SP/year for project level analyses and 4.1 MT CO2e/SP/year for plan level analyses. If the project generates emissions in excess of the applicable efficiency targets, move to Tier 5.

Tier 5 Consider the implementation of CEQA mitigation (including the purchase of GHG offsets) to reduce the project efficiency target to Tier 4 levels.

Approach to Determining Significance

The City of Jurupa has not adopted its own numerical threshold of significance for determining impacts with respect to GHG emissions. To determine the project's potential to generate GHG emissions that would have a significant impact on the environment, the project's GHG emissions were estimated and then compared to the project quantitative threshold of 3,000 MT CO_2e per year under Tier 3, Option 1. Per the SCAQMD guidance, construction emissions should be amortized over the operational life of the project, which is assumed to be 30 years (SCAQMD 2008).

The 3,000 MT CO_2e per year threshold was developed and recommended by the SCAQMD, an expert air quality agency based on substantial evidence. Although SCAQMD did not formally adopt the 3,000 MT CO_2e per year threshold as a binding rule, the threshold was developed by SCAQMD staff, an expert agency through an extensive public, technical, and interagency process as documented in the Draft Guidance Document - Interim CEQA Greenhouse Gas Significance Threshold (2008) and subsequent Working Group meetings through 2010.

This threshold is founded on:

- Executive Order S-3-05's long-term climate target—not solely AB 32's 2020 goal, meaning it is not tied to a single target year and is therefore not "outdated."
- The 90% capture rate methodology, designed so that approximately 90% of new development emissions would undergo CEQA review.

The Tier 4 efficiency metric thresholds are not applied because the SCAQMD 2020 service population threshold was tied to AB 32 goals, while the Project would be built post-2020, and the 2035 service population threshold was tied to the SB 375 target date and an assumption of a 40% reduction in GHG emissions, which does not align with the state's current GHG reduction targets established in SB 32 for 2030 and AB 1279 for 2045.

The City of Jurupa does not have a Climate Action Plan, accordingly, the GHG reduction plans that would be applicable are state and regional plans such as the CARB Scoping Plan and the 2024 Connect SoCal RTP/SCS, respectively. The project's potential to conflict with these two plans is addressed qualitatively.

3.3.2 Approach and Methodology

3.3.2.1 Construction Emissions

3.3.2.1.1 Construction Scenario Assumptions

CalEEMod Version 2022.1.1.24 was used to estimate potential project-generated GHG emissions during construction. Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. All details for construction criteria air pollutants discussed in Section 2.3.2.1, Construction Emissions, are also applicable for the estimation of construction related GHG emissions. As such, see Section 2.3.2.1 for a discussion of construction emissions calculation methodology and assumptions.

3.3.2.2 Operational Emissions

3.3.2.2.1 Operational Emission Source Assumptions

As with the air quality analysis, emissions from the operational phase of the Project were estimated primarily using CalEEMod Version 2022.1.1.24. An operational year of 2026 was assumed consistent with completion of project construction.

The CalEEMod land use development summary for the project is the same as presented in the air quality analysis in Table 2-8.

Area Sources

CalEEMod was used to estimate operational GHG emissions from area sources, such as landscape maintenance equipment. Emissions associated with natural gas usage in space heating and water heating are calculated in the building energy use module of CalEEMod, as described in the following text.

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers. The emissions associated from landscape equipment use are estimated based on CalEEMod default values for emission factors (grams per square foot of nonresidential building space per day) and number of summer days (when landscape maintenance would generally be performed) and winter days. For Riverside County, the average annual "summer" days are estimated to 250 days.

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). Electricity use would contribute indirectly to GHGs, since GHG emissions occur at the site of the power plant, which is typically off site. Annual natural gas (non-hearth) and electricity emissions were estimated in CalEEMod using the emission factors for Southern California Edison (SCE), which would provide electricity for the project. SCE receives electric power from a variety of sources. In 2022, 33.2% of SCE's power mix came from eligible renewable energy sources, including biomass/waste, geothermal, solar, and wind sources (CEC 2024).

In CalEEMod 2022, the default energy use from nonresidential land uses is based on 2019 consumption estimates from the CEC's 2018-2030 Uncalibrated Commercial Sector Forecast (Commercial Forecast), and the energy use from residential land uses is based on the 2019 Residential Appliance Saturation Survey (RASS). The Commercial Forecast and RASS datasets derive energy intensities of different end use categories for different land use subtypes for electricity demand forecast zones (EDFZ) throughout the state. However, the energy use estimates are based on existing buildings and residences and are not representative of those constructed in compliance with energy efficiency requirements of the latest Title 24 Building Energy Efficiency Standards (e.g., the average residence surveyed in the RASS was constructed in 1974). Therefore, per Appendix D*, Technical Source Documentation for Emissions Calculations*, of the CalEEMod Version 2022.1 User Guide, "the default energy consumption estimates provided in CalEEMod based on the Commercial Forecast and RASS are very conservative, overestimating expected energy use compared to what would be expected for new buildings subject to the latest Energy Code with more stringent energy efficiency measures" (CAPCOA 2022).

Mobile Sources

All details for criteria air pollutants discussed in Section 2.3.2.2, Operational Emissions, are also applicable for the estimation of operational mobile source GHG emissions.

Regulatory measures related to mobile sources include AB 1493 (Pavley) and related federal standards. AB 1493 required that CARB establish GHG emission standards for automobiles, light-duty trucks, and other vehicles that are primarily used for noncommercial personal transportation in the state. In addition, the NHTSA and EPA have established corporate fuel economy standards and GHG emission standards, respectively, for automobiles and light-, medium-, and heavy-duty vehicles. Implementation of these standards and fleet turnover (replacement of older vehicles with newer ones) will gradually reduce emissions from the project's motor vehicles. The effectiveness of fuel economy improvements was evaluated using the CalEEMod emission factors for motor vehicles to the extent it was captured in CalEEMod 2022.1.1.39, which is based on EMFAC2021.

Water and Wastewater

Supply, conveyance, treatment, and distribution of water for the project require the use of electricity, which would result in associated indirect GHG emissions. Similarly, wastewater generated by the project requires the use of electricity for conveyance and treatment, along with GHG emissions generated during wastewater treatment. The GHG emissions associated with project water consumption were estimated using CalEEMod defaults.

Solid Waste

The project would generate solid waste that is disposed, and therefore result in CO_2e emissions associated with landfill off-gassing (e.g., anaerobic breakdown of material).

No diversion of solid waste was assumed for the project; however, this is a conservative assumption as AB 939 had a statewide goal of 50% diversion by 2000, AB 341 had a statewide goal of 75% diversion by 2020, and both the state and the City continue to strive to reduce or divert landfill material.

Refrigerants

Refrigerants are substances used in equipment for air conditioning (A/C) and refrigeration. Most of the refrigerants used today are HFCs or blends thereof, which can have high GWP values. All equipment that uses refrigerants has a charge size (i.e., quantity of refrigerant the equipment contains), and an operational refrigerant leak rate, and each refrigerant has a GWP that is specific to that refrigerant. CalEEMod quantifies refrigerant emissions from leaks during regular operation and routine servicing over the equipment lifetime, and then derives average annual emissions from the lifetime estimate. Notably, the project includes a warehouse use, but it is assumed to be an unrefrigerated warehouse; should the project be revised to include a refrigerated warehouse additional analysis would be required.

3.4 Impact Analysis

3.4.1 Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

As discussed previously, the 3,000 MT CO2e SCAQMD screening threshold is used to determine the project's potential to result in a potentially significant impact on the environment relative to GHGs.

Quantification of GHG Emissions

Construction of the Project would result in GHG emissions, which are primarily associated with the use of off-road construction equipment, haul trucks, on-road vendor trucks, and worker vehicles.

Construction Emissions

Construction of the Project would result in GHG emissions, which are primarily associated with the use of off-road construction equipment, haul trucks, on-road vendor trucks, and worker vehicles.

On-site sources of GHG emissions include off-road equipment and off-site sources including vendor trucks and worker vehicles. Table 3-9 presents construction emissions for the project in 2024 through 2029 from on-site and off-site emission sources.

Table 3-2. Estimated Annual Construction Greenhouse Gas Emissions

Year	CO_2	CH_4	N_2O	R	CO_2e
	Metric Tons per Year				
2025	423.91	0.02	0.02	0.17	429.29
2026	19.82	0.00	0.00	0.01	19.93
				Total	**449.23**
				Amortized 30-Year Construction Emissions	*14.97*

Source: CalEEMod 2022.
Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R = refrigerant; CO_2e = carbon dioxide equivalent; <0.01 = reported value less than 0.01. Totals may not add due to rounding. See Appendix A for complete results.
Numbers may not add due to rounding.

As shown in Table 3-2, the estimated total GHG emissions during construction of would be approximately 449.23 MT CO_2e over the construction period. Estimated project-generated construction emissions amortized over 30 years would be 14.97 MT CO_2e per year. As with project-generated construction criteria air pollutant emissions, GHG emissions generated during construction of the project would be short-term in nature, lasting only for the duration of the construction period, and would not represent a long-term source of GHG emissions.

Operational Emissions

Operation of the project would generate GHG emissions through vehicle trips by residents, employees, customers, and visitors to and from the project site; landscape maintenance equipment operation; energy use (generation of electricity consumed by the project); solid waste disposal; generation of electricity associated with water supply, treatment, and distribution and wastewater treatment; and refrigerants. CalEEMod was used to calculate the annual GHG emissions based on the operational assumptions described in Section 3.3.2.2, Operation. The estimated operational project-generated GHG emissions from area sources, energy usage, motor vehicles, solid waste generation, and water usage and wastewater generation are shown in Table 3-3.

Table 3-3. Estimated Annual Operational Greenhouse Gas Emissions - Unmitigated

Source	CO_2	CH_4	N_2O	R	CO_2e
	metric tons per year				
Project					
Mobile	2,238.99	0.04	0.23	3.88	2,313.65
Area	1.65	0.00	<0.01	NA	1.66
Energy	315.27	0.03	<0.01	NA	316.54
Water	29.07	0.62	0.01	NA	48.87
Waste	9.02	0.90	0.00	NA	31.55
Refrigeration	NA	NA	NA	3.51	3.51
Offroad (forklifts, excavator)	331.09	0.01	<0.01	NA	331.94
Subtotal	*2,925.09*	*1.59*	*0.25*	*7.40*	*3,047.73*
				Amortized 30-Year Construction Emissions	*14.97*
				Project Operations + Amortized Construction Total	**3,062.70**
				SCAQMD GHG Screening Threshold	**3,000**

Table 3-3. Estimated Annual Operational Greenhouse Gas Emissions - Unmitigated

Source	CO_2	CH_4	N_2O	R	CO_2e
	metric tons per year				
				Exceed Threshold?	Yes

Source: CalEEMod 2022.
Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R= refrigerant; CO_2e = carbon dioxide equivalent; NA = Not Applicable; <0.01 = reported value less than 0.01.
Numbers may not add due to rounding.
See Appendix A for complete results.

As shown in Table 3-3, the estimated annual project generated GHG emissions would be approximately 3,047.73 MT CO_2e per year; with amortized construction emissions of approximately 14.97 MT CO_2e per year, total project emissions would be approximately 3,062.70 MT CO_2e per year, which would be greater than the 3,000 MT CO_2e SCAQMD GHG screening threshold. The project's GHG emissions would be **potentially significant**. Mitigation measures are required to reduce GHG impacts.

Level of Significance Before Mitigation

Impacts would be **potentially significant**.

Mitigation Measures

MM-GHG-1 Provision of Electrical Infrastructure for Construction and Use of Electric Construction Equipment. After the grading phase of Project construction, the Project Applicant or successor in interest shall provide temporary electrical hook ups to the power grid, rather than diesel-fueled generators, for contractors' electric construction tools, such as saws, drills and compressors. The use of diesel-fueled generators for on-site construction activities shall be prohibited unless electrical infrastructure is not yet available on the Project site. Diesel-fueled generators may be used for off-site construction work. All off-road equipment with a power rating below 19 kilowatts (e.g., plate compactors, pressure washers) used during Project construction must be electric-powered. The Project Applicant or successor in interest shall include these requirements in applicable bid documents, purchase orders, and contracts with successful contractors.

MM-GHG-2 Construction Equipment Idling Restrictions. The idling of heavy construction equipment for more than 5 minutes shall be prohibited. Signage shall be posted throughout the construction site informing construction personnel of the idling time limit. Idling time limits shall be noted in construction specifications. Subject to all other idling restrictions, heavy construction equipment shall not be left in the "on position" for more than 8 hours per day.

MM-GHG-3 Truck Requirements and Restrictions. Prior to issuance of a certificate of occupancy, the City shall confirm legible, durable, weather-proof signs are placed at truck access gates, loading docks, and truck parking areas that identify applicable California Air Resources Board (CARB) anti-idling regulations. At a minimum, each sign shall include instructions for truck drivers to shut off engines when not in use; instructions for drivers of diesel trucks to restrict idling to no more than 5 minutes once the vehicle is stopped, the transmission is set to "neutral" or "park," and the parking brake is engaged; and telephone numbers of the building facilities manager and CARB to report violations.

Prior to the issuance of an occupancy permit, the City shall conduct a site inspection to ensure that the signs are in place.

MM-GHG-4 Cargo Handling Equipment. With the exception of the two diesel excavators, the remaining handling equipment (including yard trucks, hostlers, yard goats, pallet jacks, and forklifts, reach forklifts, etc.) shall be zero-emission. Adequate zero-emission infrastructure, such as charging stations or equivalent support systems, to ensure operational feasibility shall be provided. The property owner or building manager shall be responsible for implementing and maintaining compliance with these requirements throughout the life of the project.

Level of Significance After Mitigation

Mitigation measures MM-GHG-1 through MM-GHG-4 would be implemented to reduce GHG emissions from offroad equipment and limit idling of trucks. Table 3-4 shows the mitigated emissions.

Table 3-4. Estimated Annual Operational Greenhouse Gas Emissions - Mitigated

Source	CO_2	CH_4	N_2O	R	CO_2e
	metric tons per year				
Project					
Mobile	2,238.99	0.04	0.23	3.88	2,313.65
Area	1.65	<0.01	<0.01	NA	1.66
Energy	375.67	0.03	<0.01	NA	377.30
Water	29.07	0.62	0.01	NA	48.87
Waste	9.02	0.90	0.00	NA	31.55
Refrigeration	NA	NA	NA	3.51	3.51
Offroad (forklifts, excavator)	33.41	<0.01	<0.01	NA	33.52
Subtotal	*2,687.81*	*1.59*	*0.25*	*7.40*	*2,810.06*
				Amortized 30-Year Construction Emissions	*14.61*
				Project Operations + Amortized Construction Total	**2,824.68**
				SCAQMD GHG Screening Threshold	**3,000**
				Exceed Threshold?	**Yes**

Source: CalEEMod 2022.
Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; R= refrigerant; CO_2e = carbon dioxide equivalent; NA = Not Applicable; <0.01 = reported value less than 0.01.
Numbers may not add due to rounding.
See Appendix A for complete results.

As shown in Table 3-4, the estimated annual project generated GHG emissions would be approximately 2,810.06 MT CO_2e per year; with amortized construction emissions of approximately 14.61 MT CO_2e per year, total project emissions would be approximately 2,824.68 MT CO_2e per year, which would be less than the 3,000 MT CO_2e SCAQMD GHG screening threshold. The project's GHG emissions would be **less than significant with mitigation**.

3.4.2 Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

As discussed previously, the project's potential to conflict with regulatory compliance programs adopted by state and local agencies is used to evaluate the project's significance. The applicable GHG reduction plans include the RTP/SCS Connect SoCal 2024 and the 2022 CARB Scoping Plan. Each is evaluated below.

Project's Potential to Conflict with SCAG 2024 Connect SoCal

At the regional level, the 2024 Connect SoCal serves as the RTP/SCS and has been adopted for the purpose of reducing GHG emissions attributable to passenger vehicles in the Southern California region. The 2024 Connect SoCal goals were used to determine consistency with the regional planning efforts to reduce GHG emissions. As shown in Table 3-5, the project would not conflict with the stated RTP/SCS goals. Further, compliance with applicable state standards would ensure consistency with state and regional GHG reduction planning efforts. Therefore, the project would not interfere with SCAG's ability to achieve the region's GHG reduction targets. A **less than significant** impact would occur in this regard, and no mitigation is required.

Table 3-5. Project Consistency with the Regional Transportation Plan/ Sustainable Communities Strategy – Connect SoCal 2024

SCAG Goals	Consistency Analysis
Mobility: Build and maintain an integrated multimodal transportation network	
▪ Support investments that are well-maintained and operated, coordinated, resilient and result in improved safety, improved air quality and minimized greenhouse gas emissions.	***No conflict.*** This policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The project would construct a new industrial use within an existing community with the appropriate zoning and setbacks from sensitive receptors.
▪ Ensure that reliable, accessible, affordable, and appealing travel options are readily available, while striving to enhance equity in the offerings in high-need communities.	***No conflict.*** This policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The project would not impede these efforts.
▪ Support planning for people of all ages, abilities, and backgrounds	***No conflict.*** This policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The project would not impede these efforts.
Communities: Develop, connect, and sustain livable and thriving communities.	
▪ Create human-centered communities in urban, suburban, and rural settings to increase mobility options and reduce travel distances.	***No conflict.*** This action is not within the purview of the project; this policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The project would not impede these efforts.

Table 3-5. Project Consistency with the Regional Transportation Plan/ Sustainable Communities Strategy – Connect SoCal 2024

SCAG Goals	Consistency Analysis
▪ Produce and preserve diverse housing types in an effort to improve affordability, accessibility and opportunities for all households.	*No conflict.* The project does not include housing and is being constructed on land that is zoned for industrial uses. The project is located with appropriate distances from residential areas.
Environment: Create a healthy region for the people of today and tomorrow	
▪ Develop communities that are resilient and can mitigate, adapt to, and respond to chronic and acute stresses and disruptions, such as climate change.	*No conflict.* This action is not within the purview of the project; this policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The project would not impede these efforts.
▪ Integrate the region's development pattern and transportation network to improve air quality, reduce greenhouse gas emissions and enable more sustainable use of energy and water.	*No conflict.* This action is not within the purview of the project; this policy would be implemented at the jurisdiction level by cities and counties within the SCAG region as part of local land use and policy planning efforts. The project would not impede these efforts. Notably, the project is being constructed on land that is appropriately zoned for industrial uses and is located near existing transportation corridors which would facilitate integration into the region's development pattern.
▪ Conserve the region's resources.	*No conflict.* The project site is located on entirely developed land within an urban area and would not convert any natural or agricultural lands. The air quality and GHG emissions analysis determined that the project would not result in a significant impact relative to air quality resources and GHG emissions.
Economy: Support a sustainable, efficient, and productive regional economic environment that provides opportunities for all people in the region.	
▪ Improve access to jobs and educational resources.	*No conflict.* Development of the project would provide job opportunities with the City.
▪ Advance a resilient and efficient goods movement system that supports the economic vitality of the region, attainment of clean air and quality of life for our communities.	*No conflict.* Development of the proposed project would provide quick and efficient access to multiple freeways, thereby eliminating the need for truck traffic to take longer routes through residential areas and supporting efficient travel. As documented in Section 2.4, air quality impacts from project implementation were less than significant.

Source: Southern California Association of Governments, Connect SoCal, 2024.

Project Potential to Conflict with State Reduction Targets and CARB's 2022 Scoping Plan

As discussed above, the California State Legislature passed AB 32 to provide initial direction to limit California's GHG emissions to 1990 levels by 2020 and initiate the state's long-range climate objectives. Since the passage of AB 32, the State has adopted GHG emissions reduction targets for future years beyond the initial 2020 horizon year. CARB is required to develop the Scoping Plan, which provides the framework for actions to achieve the State's GHG emission targets. While the Scoping Plan is not directly applicable to specific projects, nor is it intended to be used for project-level evaluations, it is the official framework for the measures and regulations that will be implemented to reduce California's GHG emissions in alignment with the adopted targets. Therefore, a project

would be found to not conflict with the statutes if it would meet the Scoping Plan policies and would not impede attainment of the goals therein.

For the project, the relevant GHG emissions reduction targets include those established by SB 32 and AB 1279, which require GHG emissions be reduced to 40% below 1990 levels by 2030, and 85% below 1990 levels by 2045, respectively. In addition, AB 1279 requires the state achieve net zero GHG emissions by no later than 2045 and achieve and maintain net negative GHG emissions thereafter. CARB's 2017 Scoping Plan update was the first to address the state's strategy for achieving the 2030 GHG reduction target set forth in SB 32 (CARB 2017), and the most recent CARB 2022 Scoping Plan update outlines the state's plan to reduce emissions and achieve carbon neutrality by 2045 in alignment with AB 1279 and assesses progress is making toward the 2030 SB 32 target (CARB 2022). As such, given that SB 32 and AB 1279 are the relevant GHG emission targets, the 2017 and 2022 Scoping Plan updates that outline the strategy to achieve those targets, are the most applicable to the Project.

The 2017 *Climate Change Scoping Plan Update* (Second Update) included measures to promote renewable energy and energy efficiency (including the mandates of SB 350), increase stringency of the Low Carbon Fuel Standard (LCFS), measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant Plan, and increase stringency of SB 375 targets. The *2022 Scoping Plan for Achieving Carbon Neutrality* (Third Update) builds upon and accelerates programs currently in place, including moving to zero-emission transportation; phasing out use of fossil gas use for heating homes and buildings; reducing chemical and refrigerants with high GWP; providing communities with sustainable options for walking, biking, and public transit; and displacement of fossil-fuel fired electrical generation through use of renewable energy alternatives (e.g., solar arrays and wind turbines) (CARB 2022).

Many of the measures and programs included in the Scoping Plan would result in the reduction of project-related GHG emissions with no action required at the project-level, including GHG emission reductions through increased energy efficiency and renewable energy production (SB 350), reduction in carbon intensity of transportation fuels (LCFS), and the accelerated efficiency and electrification of the statewide vehicle fleet (Mobile Source Strategy).

The 2045 carbon neutrality goal required CARB to expand proposed actions in the Third Update to include those that capture and store carbon in addition to those that reduce only anthropogenic sources of GHG emissions. The proposed project would support the state's carbon neutrality goals, as implementation includes addition of urban-tree and native plantings throughout the project site, which represent opportunities for potential carbon removal and sequestration over the project life-time. However, the Third Update emphasizes that reliance on carbon sequestration in the state's natural and working lands will not be sufficient to address residual GHG emissions, and achieving carbon neutrality will require research, development, and deployment of additional methods to capture atmospheric GHG emissions (e.g., mechanical direct air capture). Given that the specific path to neutrality will require development of technologies and programs that are not currently known or available, the project's role in supporting the statewide goal would be speculative and cannot be wholly identified at this time.

Table 3-6 evaluates the project's potential to conflict with the measures from the 2022 Scoping Plan, that are relevant and applicable to the project.

Table 3-6. Project Potential to Conflict with 2022 Scoping Plan

Sector	Action	Potential to Conflict
GHG Emissions Reductions Relative to the SB 32 Target	40% below 1990 levels by 2030	***No conflict.*** While the SB 32 GHG emissions reduction target is not an Action that is analyzed independently, it is included in Table 2-1 of the 2022 Scoping Plan for reference. The project would not obstruct or interfere with agency efforts to meet the SB 32 reduction goal.
Smart Growth/VMT	VMT per capita reduced 25% below 2019 levels by 2030, and 30% below 2019 levels by 2045	***No conflict.*** The project would not obstruct or interfere with agency efforts to meet this regional VMT reduction goal, including through implementation of SB 375. The project would be consistent with Connect SoCal 2024, which is the regional growth management strategy that targets per capita GHG reduction from passenger vehicles and light trucks in the Southern California Region pursuant to SB 375.
Light-duty Vehicle (LDV) Zero Emission Vehicles (ZEVs)	100% of LDV sales are ZEV by 2035	***No conflict.*** As this action pertains to LDV sales within California, the project would not obstruct or interfere with its implementation. Furthermore, the project would support the transition from fossil fuel LDV to ZEV through its provision of EV chargers in compliance with CalGreen standards.
Truck ZEVs	100% of medium-duty vehicle (MDV)/ heavy-duty vehicle (HDV) sales are ZEV by 2040	***No conflict.*** As this action pertains to MDV and HDV sales within California, the project would not obstruct or interfere with its implementation. Furthermore, the project would comply with the 2022 CALGreen code.
Electricity Generation	Sector GHG target of 38 million metric tons of carbon dioxide equivalent ($MMTCO_2e$) in 2030 and 30 $MMTCO_2e$ in 2035 Retail sales load coverage[1] 20 gigawatts (GW) of offshore wind by 2045 Meet increased demand for electrification without new fossil gas-fired resources	***No conflict.*** As this action pertains to the statewide procurement of renewable energy, the project would not obstruct or interfere with its implementation.
New Residential and Commercial Buildings	All electric appliances beginning 2026 (residential) and 2029 (commercial), contributing to 6 million heat pumps installed statewide by 2030	***No conflict.*** The project would not obstruct or interfere with CARB's efforts to meet the all-electric appliance and heat pump goals. As designed, the project would currently involve connecting the proposed buildings to the existing natural gas

Table 3-6. Project Potential to Conflict with 2022 Scoping Plan

Sector	Action	Potential to Conflict
		infrastructure. However, the project would comply with regulations to convert to all-electric if applicable.
Construction Equipment	25% of energy demand electrified by 2030 and 75% electrified by 2045	***No conflict.*** As this action pertains to the electrification of off-road equipment across California, the project would not obstruct or interfere with its implementation. The project includes MM-GHG-4 that would require off-road equipment with the exception of the diesel excavators to be zero-emission and would transition the remaining equipment as regulations become effective.
Low Carbon Fuels for Transportation	Biomass supply is used to produce conventional and advanced biofuels, as well as hydrogen	***No conflict***. The project would not obstruct or interfere with CARB's efforts to increase the provision of low carbon fuels for transportation. The development and use of biofuels in trucks and automobiles would occur at the state and regional level.
Low Carbon Fuels for Buildings and Industry	In 2030s biomethane blended in pipeline Renewable hydrogen blended in fossil gas pipeline at 7% energy (~20% by volume), ramping up between 2030 and 2040 In 2030s, dedicated hydrogen pipelines constructed to serve certain industrial clusters	***No conflict.*** The project would not obstruct or interfere with CARB's efforts to increase the provision of low carbon fuels for use in buildings and industry. The blending of biomethane and use of renewable hydrogen in existing natural gas pipelines would happen at the scale of the utility provider and without action required by the project.
High GWP Potential Emissions	Low GWP refrigerants introduced as building electrification increases, mitigating HFC emissions	***No conflict.*** The project would not obstruct or interfere with agency efforts to introduce low GWP refrigerants. The State has established a prohibition on the sale or distribution of bulk HFCs identified as having a high GWP through SB 1206.

Source: CARB 2022i.

Based on the analysis in Table 3-6, the project would not conflict with the applicable strategies and measures in the 2022 Scoping Plan.

Consistency with SB 32 and 2017 Scoping Plan.

Table 3-7 highlights measures that have been developed under the 2017 Scoping Plan and presents the project's potential to conflict with the applicable 2017 Scoping Plan measures. The project would comply with all regulations adopted in furtherance of the Scoping Plan to the extent required by law and to the extent that they are applicable to the project.

Table 3-7. Project Potential to Conflict with 2017 Scoping Plan GHG Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Potential to Conflict
Transportation Sector		
Advanced Clean Cars	T-1	***No conflict.*** The project would not obstruct or interfere with CARB's efforts to implement this measure because the project's employees and customers would purchase vehicles in compliance with CARB vehicle standards that are in effect at the time of vehicle purchase.
Low Carbon Fuel Standard	T-2	***No conflict.*** The project would not obstruct or interfere with CARB's Low Carbon Fuel Standard because motor vehicles driven by the Project's employees and customers would use compliant fuels.
Last-Mile Delivery	N/A	***No conflict.*** The project would not obstruct or interfere with CARB's efforts to implement this measure.
Reduction in VMT	N/A	***No conflict.*** The project would not prevent CARB from implementing this measure. Additionally, the project would support this measure through siting of a project near transportation corridors.
Goods Movement Efficiency Measures 1. Port Drayage Trucks 2. Transport Refrigeration Units Cold Storage Prohibition 3. Cargo Handling Equipment, Anti-Idling, Hybrid, Electrification 4. Goods Movement Systemwide Efficiency Improvements 5. Commercial Harbor Craft Maintenance and Design Efficiency 6. Clean Ships 7. Vessel Speed Reduction	T-6	***No conflict.*** The project would not prevent CARB from implementing this measure nor would it prevent CARB or other agencies from implementing the other measures related to Goods Movement.
Heavy-Duty Vehicle GHG Emission Reduction ▪ Tractor-Trailer GHG Regulation ▪ Heavy-Duty Greenhouse Gas Standards for New Vehicle and Engines (Phase I)	T-7	***No conflict.*** The project would not obstruct or interfere with agency efforts to implement this measure. The Tractor Trailer GHG regulation and Heavy-Duty Truck GHG standards set GHG emission standards for truck engines for a given model year. Phase I sets GHG emission and fuel economy standards for heavy-duty trucks for model years 2014–2018. Phase II sets standards for model years for 2019–2027. Over the life of the project, the truck

Table 3-7. Project Potential to Conflict with 2017 Scoping Plan GHG Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Potential to Conflict
		fleet would turn over and utilize newer engines with stricter emissions standards.
Medium and Heavy-Duty GHG Phase 2	N/A	*No conflict.* The measure sets GHG emission and vehicle fuel standards model years 2018-2027 for certain trailers and model years 2021-2027 for semi-trucks, large pickup trucks, vans, and all types and sizes of buses and work trucks. Over the life of the project, the truck fleet would turn over and utilize newer engines with stricter emissions standards.
Electricity and Natural Gas Sector		
Energy Efficiency Measures (Electricity)	E-1	*No conflict.* The project would be constructed in accordance with the CALGreen code and Title 24 building standards. Title 24 requirements for non-residential projects include high efficiency indoor and outdoor lighting requirements, thermostat, and HVAC energy efficiency requirements, and electrical metering requirements.
Energy Efficiency (Natural Gas)	CR-1	*No conflict.* The project would be constructed in accordance with the CALGreen code and Title 24 building standards.
Renewables Portfolio Standard (33% by 2020)	E-3	*No conflict.* The project would procure electricity from SCE, which is in compliance with the Renewables Portfolio Standard for 2020.
Renewables Portfolio Standard (50% by 2050)	N/A	*No conflict.* The project would procure electricity from SCE, which is on trajectory to be compliance with the Renewables Portfolio Standard for 2050.
Water Sector		
Water Use Efficiency	W-1	*No conflict.* The project would be constructed in accordance with CALGreen and Title 24 building standards. The CALGreen standards require that plumbing fixtures do not exceed the established flow rates. The CALGreen standards also outline requirements for water-efficient landscaping design.
Green Building Standards Code (Greening New Public Schools, Residential and Commercial Buildings)	GB-1	*No conflict.* The project would be constructed in accordance with CALGreen and Title 24 building standards. Title 24 requirements for non-residential projects include high efficiency indoor and outdoor lighting requirements, thermostat and HVAC energy efficiency

Table 3-7. Project Potential to Conflict with 2017 Scoping Plan GHG Emission Reduction Strategies

Scoping Plan Measure	Measure Number	Potential to Conflict
		requirements, and electrical metering requirements. The CALGreen standards require that plumbing fixtures do not exceed the established flow rates. The CALGreen standards also outline requirements for water efficient landscaping design.

Source: CARB 2017a.
Notes: GHG = greenhouse gas; CARB = California Air Resources Board; SCE = Southern California Edison; VMT = vehicle miles traveled; SB = Senate Bill; N/A = not applicable; SF_6 = sulfur hexafluoride.

Based on the analysis in Table 3-7, the project would not conflict with the applicable strategies and measures in the 2017 Scoping Plan.

Consistency with AB 32 and 2008 Scoping Plan.

The project would not conflict with the applicable statewide regulatory programs designed to reduce GHG emissions consistent with AB 32, as described in Table 3-8.

Table 3-8. Consistency with Assembly Bill 32 Regulatory Programs

Regulatory Program	Potential to Conflict
Construction	
CARB In-Use Off-Road Regulation	*No conflict.* Off-road equipment used for construction of the project will utilize equipment in compliance with CARB Airborne Toxic Control Measures.
Mobile Sources	
California Assembly Bill 1493 (Pavley Standards)	*No conflict.* This regulatory program applies to vehicle manufacturers, and not directly to land use development. However, the vehicles operated by future occupants of and visitors to the project would benefit from and be consistent with this regulatory program in the form of reduced GHG emissions from the vehicle fleet for model years 2017 through 2025.
Advanced Clean Cars Program	*No conflict.* This regulatory program applies to vehicle manufacturers, and not directly to land use development. However, the vehicles operated by future occupants of and visitors to the project would benefit from and be consistent with this regulatory program in the form of reduced GHG emissions from the vehicle fleet for model years 2017 through 2025.
Low Carbon Fuel Standard Regulation	*No conflict.* This regulatory program applies to fuel suppliers, and not directly to land use development. However, the vehicles operated by future occupants of and visitors to the Project would benefit from and be consistent with this regulatory program in the form of reduced GHG emissions from the vehicle fleet.

Table 3-8. Consistency with Assembly Bill 32 Regulatory Programs

Regulatory Program	Potential to Conflict
Heavy-Duty Vehicle GHG Emission Reduction Regulation	*No conflict.* This regulatory program is intended to reduce fuel use and GHG emissions from medium- and heavy-duty vehicles, semi-trucks, pickup trucks and vans, and all types and sizes of work trucks and buses in between. The project construction and operational analysis includes the benefit of reductions from these programs.
CARB In-Use On-Road Heavy-Duty Diesel Vehicles Regulation	*No conflict.* This regulatory program applies to vehicle manufacturers, and not directly to land use development. However, the vehicles operated during project construction and operations would benefit from and be consistent with this regulatory program in the form of reduced GHG emissions from the vehicle fleet.
Energy Use	
California Title 20 Standards Appliance Energy Efficiency Standards	*No conflict.* The project would result in new land use development that would be outfitted with appliances that comply with the CEC's Title 20 standards.
California Title 24, Part 6 Standards Building Energy Efficiency Standards	*No conflict.* The project will design and construct buildings in compliance with the CEC's 2022 Title 24 standards. Title 24 requirements for non-residential projects include high efficiency indoor and outdoor lighting requirements, thermostat, and HVAC energy efficiency requirements, and electrical metering requirements.
California Title 24, Part 11 Standards Green Building Standards Code	*No conflict.* The development proposed by the project would comply with the CALGreen Code. The CALGreen Code requires that plumbing fixtures do not exceed the established flow rates outlined in Section 4.2.2. The CALGreen standards also outline requirements for water efficient landscaping design.
California Senate Bill X1-2 Renewable Portfolio Standards	*No conflict.* This regulatory program applies to investor-owned utilities, electric service providers, and community choice aggregators, and not directly to land use development. However, the project would benefit from and be consistent with this regulatory because electricity would be purchased from SCE, which is required to procure 45% and 50% of retail sales from renewable energy resources by 2027 and 2030, respectively.
Water Supply, Treatment and Distribution	
Senate Bill X7-7 Water Use Efficiency Program	*No conflict.* This regulatory program is implemented through the California Department of Water Resources and urban water suppliers, not land use developers. The project would be consistent with water conservation objectives through use of the latest water-efficiency technologies, including those relating to water-conserving plumbing fixtures, weather-sensitive irrigation controls, drought-tolerant landscaping palette.
Executive Order B-29-15	*No conflict.* Mandatory water reductions are implemented via EO B-29-15 and a regulatory framework developed by the State Water Resources Control Board. These regulatory programs apply to urban water suppliers, not land use developers. The project would be consistent with water conservation objectives through use of the latest water-efficiency technologies, including those relating to water-conserving plumbing fixtures, weather-sensitive irrigation controls, drought-tolerant landscaping palettes...

Table 3-8. Consistency with Assembly Bill 32 Regulatory Programs

Regulatory Program	Potential to Conflict
California Title 24, Part 11 Standards Green Building Standards Code	*No conflict.* The project would be required to comply with the CALGreen Code. The use of water saving design elements (such as water-efficient toilets/urinals and faucets) will allow the project to comply with the required 20% reduction in indoor potable water use.

Source: CARB 2008.
Notes: CARB = California Air Resources Board; GHG = greenhouse gas; CEC = California Energy Commission; CALGreen = California Green Building Standards; SCE = Southern California Edison.

Based on the analysis in Table 3-8, the project would not conflict with AB 32 Regulatory Programs.

Summary

As demonstrated above, the project would not conflict with applicable GHG reduction plans and the impact would be **less than significant.**

Level of Significance Before Mitigation

Impacts would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be **less than significant without mitigation**.

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4 Energy

4.1 Environmental Setting

4.1.1 Electricity

According to the U.S. Energy Information Administration (EIA), California used approximately 247,249,865 megawatt-hours of electricity in 2021 (EIA 2022). Electricity usage in California for different land uses varies substantially by the types of uses in a building, type of construction materials used in a building, and the efficiency of all electricity-consuming devices within a building. Due to the state's energy efficiency building standards and efficiency and conservation programs, California's electricity use per capita in the residential and commercial sector is lower than any other state except Hawai'i (EIA 2023a).

SCE would provide electricity to the project. SCE is an investor-owned public utility, providing electricity to over 15 million customers within its service area (SCE Who We Serve & How We Do It). According to the 2022 SCE Power Content Label, solar energy accounts for 17% of SCE's overall energy resources (CEC 2024a). SCE reported a total of 107,876 gigawatt hours (GWh) consumed within its service area. Within Riverside County, a total of 17,780 GWh was consumed.

4.1.2 Natural Gas

According to the EIA, California used approximately 2,056,267 million cubic feet of natural gas in 2022 (EIA 2023b). The majority of California's natural gas customers are residential and small commercial customers (core customers). These customers account for approximately 35% of the natural gas delivered by California utilities (CPUC 2021). Large consumers, such as electric generators and industrial customers (noncore customers), account for approximately 65% of the natural gas delivered by California utilities (CPUC 2021). CPUC regulates California natural gas rates and natural gas services, including in-state transportation over transmission and distribution pipeline systems, storage, procurement, metering, and billing. Most of the natural gas used in California comes from out-of-state natural gas basins. California gas utilities may soon also begin receiving biogas into their pipeline systems (CPUC 2022).

The Southern California Gas Company (SoCalGas) provides Riverside County (including the City of Jurupa Valley) with natural gas service. SoCalGas's service territory encompasses approximately 20,000 square miles and more than 500 communities. In the California Energy Demand mid-energy demand scenario, natural gas demand is projected to have an annual growth rate of 0.03% in SoCalGas's service territory. The total capacity of natural gas available to SoCalGas in 2020 is estimated to be 3.8 billion cubic feet per day. In 2024, the total capacity available is also estimated to be 3.8 billion cubic feet per day[15] (California Gas and Electric Utilities 2020). This amount is approximately equivalent to 3.88 billion kBTU per day or 38.8 million therms per day. In 2022, SoCalGas delivered 5,026 million therms and approximately 431 million therms (43.1 billion kBTU) to Riverside County (CEC 2024b).

[15] One cubic foot of natural gas has approximately 1,020 BTUs of natural gas or 1.02 kBTUs of natural gas.

4.1.3 Petroleum

According to the EIA, California used approximately 605 million barrels of petroleum in 2021, with the majority (511 million barrels) used for the transportation sector (EIA 2023c). There are 42 U.S. gallons in a barrel, so this equates to a total daily use of approximately 14.4 million barrels of petroleum among all sectors and 12.2 million gallons for the transportation sector. In California, petroleum fuels refined from crude oil are the dominant source of energy for transportation sources. Petroleum usage in California includes petroleum products such as motor gasoline, distillate fuel, liquefied petroleum gases, and jet fuel. California has implemented policies to improve vehicle efficiency and to support use of alternative transportation, which are described in Section 3.2.2.

4.2 Regulatory Setting

4.2.1 Federal Regulations

Federal Energy Policy and Conservation Act

In 1975, Congress enacted the Federal Energy Policy and Conservation Act, which established the first fuel economy standards for on-road motor vehicles in the United States. Pursuant to the act, the NHTSA is responsible for establishing additional vehicle standards. In 2012, new fuel economy standards for passenger cars and light trucks were approved for model years 2017 through 2021 (77 FR 62624–63200). Fuel economy is determined based on each manufacturer's average fuel economy for the fleet of vehicles available for sale in the United States.

Energy Policy Act of 2005

In January 2005 the Energy Policy Act was signed into law. It addresses energy production in the United States, including energy efficiency, renewable energy, oil and gas, coal, Tribal energy, nuclear matters and security, vehicles and motor fuels, including ethanol, hydrogen, electricity, energy tax incentives, hydropower and geothermal energy, and climate change technology. The Energy Policy Act provides loan guarantees for entities that develop or use innovative technologies that avoid the by-production of GHGs. Another provision of the Energy Policy Act is the Renewable Fuel Standard (RFS), which increases the amount of biofuel that must be mixed with gasoline sold in the United States.

Energy Independence and Security Act of 2007

On December 19, 2007, the Energy Independence and Security Act of 2007 (EISA) was signed into law (EPA 2007). In addition to setting increased corporate average fuel economy standards for motor vehicles, the EISA includes the following other provisions related to energy efficiency:

- RFS (Section 202)
- Appliance and lighting efficiency standards (Sections 301–325)
- Building energy efficiency (Sections 411–441)

This federal legislation (the RFS) requires ever-increasing levels of renewable fuels to replace petroleum (EPA 2022b). The EPA is responsible for developing and implementing regulations to ensure that transportation fuel sold in the

United States contains a minimum volume of renewable fuel. RFS program regulations were developed in collaboration with refiners, renewable fuel producers, and many other stakeholders.

The RFS program was created under the Energy Policy Act of 2005 and established the first renewable fuel volume mandate in the United States. As required under the act, the original RFS program (RFS1) required 7.5 billion gallons of renewable fuel to be blended into gasoline by 2012. Under the EISA, the RFS program was expanded in several key ways that laid the foundation for achieving significant reductions of GHG emissions through the use of renewable fuels, for reducing imported petroleum, and for encouraging the development and expansion of our nation's renewable fuels sector. The updated program ("RFS2") includes the following:

- EISA expanded the RFS program to include diesel, in addition to gasoline.
- EISA increased the volume of renewable fuel required to be blended into transportation fuel from 9 billion gallons in 2008 to 36 billion gallons by 2022.
- EISA established new categories of renewable fuel and set separate volume requirements for each one.
- EISA required the EPA to apply lifecycle GHG performance threshold standards to ensure that each category of renewable fuel emits fewer GHGs than the petroleum fuel it replaces.

Additional provisions of the EISA address energy savings in government and public institutions, promoting research for alternative energy, additional research in carbon capture, international energy programs, and the creation of "green jobs."

Transportation Equity Act for the 21st Century

The Transportation Equity Act for the 21st Century was signed into law in 1998 and builds on the initiatives established in the ISTEA legislation. The Transportation Equity Act authorizes highway, highway safety, transit, and other efficient surface transportation programs. The act continues the program structure established for highways and transit under ISTEA, such as flexibility in the use of funds, emphasis on measures to improve the environment, and focus on a strong planning process as the foundation of transportation decisions. The Transportation Equity Act also provides for investment in research and its application to maximize the performance of the transportation system through, for example, deployment of intelligent transportation systems to help improve operations and management of transportation systems and vehicle safety.

Infrastructure Investment and Jobs Act

The Infrastructure Investment and Jobs Act (Infrastructure Deal) was signed into law November 15, 2021. The legislation includes $39 billion of new investment to modernize transit, in addition to continuing the existing transit programs for five years as part of surface transportation reauthorization. The Infrastructure Deal would also invest $7.5 billion to build out a national network of EV chargers. The Infrastructure Deal would provide funding for deployment of EV chargers along highway corridors to facilitate long-distance travel and within communities to provide convenient charging where people live, work, and shop to support a goal of building a nationwide network of 500,000 EV chargers. This would accelerate the adoption of eVs, which would help reduce emissions and improve air quality. In addition, the Infrastructure Deal would include more than $65 billion of investments in clean energy transmission including upgrading existing power infrastructure through expanding transmission lines to facilitate the expansion of renewables and clean energy.

The Inflation Reduction Act of 2022

The Inflation Reduction Act was signed into law by President Biden in August 2022. The Act includes specific investment in energy and climate reform and is projected to reduce GHG emissions within the U.S. by 40% as compared to 2005 levels by 2030. The Act allocates funds to boost renewable energy infrastructure (e.g., solar panels and wind turbines), includes tax credits for the purchase of EVs, and includes measures that will make homes more energy efficient.

4.2.2 State Regulations

Warren-Alquist Act

The California Legislature passed the Warren–Alquist Act in 1974, which created the CEC. The legislation also incorporated the following three key provisions designed to address the demand side of the energy equation:

- It directed CEC to formulate and adopt the nation's first energy conservation standards for both buildings constructed and appliances sold in California.
- The act removed the responsibility of electricity demand forecasting from the utilities, which had a financial interest in high-demand projections, and transferred it to a more impartial CEC.
- CEC was directed to embark on an ambitious research and development program, with a particular focus on fostering what were characterized as non-conventional energy sources.

State of California Energy Action Plan

CEC and CPUC approved the first State of California Energy Action Plan in 2003. The plan established shared goals and specific actions to ensure the provision of adequate, reliable, and reasonably priced electrical power and natural gas supplies; it also identified cost-effective and environmentally sound energy policies, strategies, and actions for California's consumers and taxpayers. In 2005, CEC and CPUC adopted a second Energy Action Plan to reflect various policy changes and actions of the prior 2 years.

At the beginning of 2008, CEC and CPUC determined that it was not necessary or productive to prepare a new energy action plan. This determination was based, in part, on a finding that the state's energy policies have been significantly influenced by the passage of AB 32, the California Global Warming Solutions Act of 2006 (discussed below). Rather than produce a new energy action plan, CEC and CPUC prepared an "update" that examines the state's ongoing actions in the context of global climate change.

AB 1007

AB 1007 (2005) required CEC to prepare a statewide plan to increase the use of alternative fuels in California (State Alternative Fuels Plan). CEC prepared the plan in partnership with CARB and in consultation with other state agencies, plus federal and local agencies. The State Alternative Fuels Plan assessed various alternative fuels and developed fuel portfolios to meet California's goals to reduce petroleum consumption, increase alternative fuels use, reduce GHG emissions, and increase in-state production of biofuels without causing a significant degradation of public health and environmental quality.

Other Applicable Regulations

Other applicable regulations include the following, which are discussed in Section 3.2.3, State Regulations:

- California Building Standards (Title 24, CALGreen)
- AB 32, SB 32, AB 1279 (the state's GHG emission reduction planning framework creates co-benefits for energy-related resources)
- SB 1078, SB 107, SB 350, SB 100 (Renewable Energy Sources)
- SB 1368
- AB 1493 and EO B-16-12
- EO S-1-07
- SB 375
- Advanced Clean Cars Program
- Advanced Clean Trucks Program
- Truck and Bus Regulation, On-Road Heavy-Duty Diesel Vehicles (In-use) Regulation

4.2.3 Local Regulations

4.2.3.1 City of Jurupa Valley General Plan

The City adopted the City of Jurupa Valley 2017 General Plan on September 7, 2017 (City of Jurupa Valley 2017). The City's 2017 General Plan includes various policies related to energy. Many of the measures discussed under Air Quality Section 2.2.3.3, would also have the co-benefit of reducing energy use. The following policies would specifically apply to energy:

Air Quality Element

AQ 5.2. Energy Conservation. Encourage advanced energy conservation techniques and the incorporation of energy efficient design elements for private and public developments, including appropriate site orientation and the use of shade and windbreak trees to reduce fuel consumption for heating and cooling, and offer incentives, as appropriate.

Environmental Justice Element

EJ 2.18. Energy Efficiency. Support programs to promote the use of energy efficiency products and renewable energy systems.

EJ 2.19. Green Building Techniques. Encourage public and private development to incorporate green building techniques, such as construction waste management practices, optimization of energy efficiency measures, and avoidance of toxic chemicals.

4.3 Significance Criteria and Methodology

4.3.1 Thresholds of Significance

The significance criteria used to evaluate the Project impacts to energy are based on Appendix G of the CEQA Guidelines. According to CEQA Guidelines Appendix G, a significant impact related to energy would occur if the Project would:

1. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation
2. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency

4.3.2 Approach and Methodology

4.3.2.1 Construction Energy

Construction of the Project would result in energy consumption primarily associated with use of off-road construction equipment, on-site hauling and vendor (material delivery) trucks, and worker vehicles. All details for construction criteria air pollutants discussed in Section 2.3.2.1 are also applicable for the estimation of construction-related energy consumption. As such, see Section 2.3.2.1 for a discussion of construction calculation methodology and assumptions used in the energy analysis. In addition, the following methodology was used to estimate construction electricity and petroleum consumption.

Electricity

Electricity is not expected to be consumed in large quantities during project construction, as construction equipment and vehicles are generally not electric but rather diesel- or gas-powered. Although electrical service will be established to serve construction, the amount of electricity that will be used is likely to be small. Temporary electric power for as-necessary lighting and electronic equipment, such as computers inside temporary construction trailers, would be provided by SCE.

Natural Gas

Natural gas is not anticipated to be required during construction of the project. Fuels used for construction would primarily consist of diesel and gasoline, which are discussed below under the “petroleum” subsection.

Petroleum

Potential project construction petroleum consumption was assessed through projected vehicle trip generation and offroad equipment used as provided by the CalEEMod and CARB EMFAC2021 outputs in the criteria air pollutant and GHG emissions calculations (Appendix A). Fuel consumption from construction equipment was estimated by converting the total CO_2 emissions from each construction phase to gallons using conversion factors for CO_2 to gallons of gasoline or diesel. The conversion factor for gasoline is 8.78 kilograms per metric ton of CO_2 per gallon, and the conversion factor for diesel is 10.21 kilograms per metric ton of CO_2 per gallon (The Climate Registry 2023). Heavy-duty construction equipment associated with construction activities and vendor trucks were assumed to use

diesel fuel. It was assumed that construction workers would travel to and from the project site in gasoline-powered vehicles. Fuel consumption from worker and vendor trips was estimated by converting the total CO_2 emissions from the construction phase to gallons using the conversion factors for CO_2 to gallons of gasoline or diesel.

4.3.2.2 Operational Energy

Energy consumption related to project operation would include electricity use for building operations, water demand, wastewater treatment; natural gas for the building; and petroleum consumption from project vehicle travel. The project is assumed to be operational in 2026. Potential project operational energy consumption is based on the operational GHG emission calculations found in Appendix A, CalEEMod Regional Construction and Operation files.

Electricity

The project's operational phase would require electricity for multiple purposes, including, but not limited to, building heating and cooling, lighting, and appliances, including refrigeration, electronics, equipment, and machinery. Electricity would also be consumed during operation of the project related to water usage, and solid waste disposal. CalEEMod was used to analyze electrical usage during operation.

Natural Gas

Project natural gas consumption is based on the estimated total annual building load summary from CalEEMod.

Petroleum

Petroleum would be consumed by project-generated vehicle trips. Such consumption is a function of total VMT and estimated vehicle fuel economies for the vehicles accessing the project site. Energy that would be consumed by project-generated traffic is a function of total VMT and estimated vehicle fuel economies for the vehicles accessing the project site. Similar to construction worker and vendor trips, fuel consumption was estimated by converting the total CO_2 emissions from project mobile sources to gallons using the conversion factors for CO_2 to gallons of gasoline or diesel.

4.4 Impacts Analysis

4.4.1 Would the project result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during Project construction or operation?

The project's consumption of energy resources during construction and operation are evaluated in detail below.

Construction

Electricity

Temporary electric power for as-necessary lighting and electronic equipment, such as computers inside temporary construction trailers, would be provided by SCE. The electricity used for such activities would be temporary, would be substantially less than that required for project operation, would have a negligible contribution to the project's overall energy consumption, and would not be wasteful, inefficient, or unnecessary. Impacts would be less than significant.

Natural Gas

Natural gas is not anticipated to be required during construction of the Project. Fuels used for construction would primarily consist of diesel and gasoline, which are discussed under the subsection "Petroleum," below. Any minor amounts of natural gas that may be consumed as a result of Project construction would be temporary and negligible and would not have an adverse effect; therefore, impacts would be less than significant.

Petroleum

The estimated diesel fuel usage from construction equipment and vendor trucks and the estimated gasoline fuel usage from worker vehicles is shown in Table 4-1. In addition, estimated gasoline fuel usage from construction with application of MM-AQ-2 has been provided in Table 4-2, below. See Appendix G, Energy Calculations, for details.

Table 4-1. Total Project Construction Petroleum Demand – Unmitigated

Construction Phase	Off-Road Equipment (Diesel)	Haul Trucks (Diesel)	Vendor Trucks (Diesel)	On-Site Trucks (Diesel)	Worker Vehicles (Gasoline)
	Gallons				
2025	29,188	3,064	4,791	0	5,219
2026	1,613	0	27	0	351
Total	**30,801**	**3,064**	**4,818**	**0**	**5,570**

Source: Appendix E.

In summary, construction associated with the development of the project is estimated to consume a total of approximately 38,683 gallons of diesel fuel and 5,570 gallons of gasoline for a total of 44,254 gallons of petroleum.

Notably, the project would be subject to CARB's In-Use Off-Road Diesel Vehicle Regulation that applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation (1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; (2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; (3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and (4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The fleet must either show that its fleet average index was less than or equal to the calculated fleet average target rate or that the fleet has met the Best Achievable Control Technology requirements. Overall, the project would not be unusual as compared to overall local and regional demand for energy resources and would

not involve characteristics that require equipment that would be less energy efficient than at comparable construction sites in the region or state.

Therefore, because petroleum use during construction would be temporary and would not be wasteful or inefficient, impacts would be **less than significant**.

Operation

Electricity

The operational phase would require electricity for multiple purposes, including building heating and cooling, lighting, and electronics. CalEEMod was used to estimate project emissions from electricity uses (see Appendix A). Default electricity generation rates in CalEEMod were used based on the proposed land use and climate zone.

The project is anticipated to consume approximately 824,906.40 kilowatt hours of electricity per year. Uses identified as part of the project are not inherently energy intensive, and the project's electricity demands in total would be comparable to other projects of similar scale and configuration. Additionally, the project would be required to comply with the applicable Title 24 standards, which would further ensure that the project's energy demands would not be inefficient, wasteful, or otherwise unnecessary, and impacts would be **less than significant**.

Natural Gas Usage

Natural gas consumption during operation would be required for various purposes, including, but not limited to, building heating and cooling. Default natural gas generation rates in CalEEMod for the proposed land use and climate zone were used. The project is estimated to have a total natural gas demand of 3,500,451.59 one thousand British Thermal Units (kBTU) per year.

The project proposes conventional industrial uses reflecting contemporary energy efficient/energy conserving designs and operational programs. The proposed project's uses are not inherently energy intensive, and the project's natural gas demands in total would be comparable to other projects of similar scale and configuration. Additionally, the project is subject to statewide mandatory energy requirements as outlined in Title 24, Part 6, of the California Code of Regulations. Prior to project construction, the applicant would ensure that the project would meet Title 24 requirements applicable at that time, as required by state regulations through their plan review process. Thus, the natural gas consumption of the project would not be considered inefficient, wasteful, or otherwise unnecessary energy consumption and impacts would be **less than significant.**

Petroleum

Petroleum fuel consumption associated with motor vehicles traveling to and from the project site is a function of the VMT as a result of project operation. Similar to construction, fuel consumption from transportation was estimated by converting the total CO_2 emissions to gallons using conversion factors for CO_2 to gallons of gasoline or diesel. Fuel demand estimates for the project are provided in Table 4-2.

Table 4-2. Total Project-Generated Transportation Annual Fuel Demand (2026)

Vehicle Type	Vehicle MT CO_2	kg/CO_2/Gallon	Estimated Annual Fuel Consumption (gallons)
Gasoline	1,615	8.78	158,131
Diesel	624	10.21	71,124
		Total	229,255

Source: Appendix E.
Notes: MT = metric ton; CO_2 = carbon dioxide; kg = kilogram, numbers may not add due to rounding.

As summarized in Table 4-2, the project would result in an estimated annual transportation fuel demand of 229,255 gallons of fuel. Fuel would be provided by current and future commercial vendors. Trip generation and VMT generated by the project are consistent with industrial uses of similar scale and configuration. That is, the project does not propose uses or operations that would inherently result in excessive and wasteful vehicle trips and VMT, nor associated excess and wasteful vehicle energy consumption.

Enhanced fuel economies realized pursuant to federal and state regulatory actions, and related transition of vehicles to alternative energy sources (e.g., electricity, natural gas, biofuels, hydrogen cells) would likely decrease future gasoline fuel demands per VMT. Location of the project proximate to regional and local roadway systems tends to reduce VMT within the region, acting to reduce regional vehicle energy demands. As supported by the preceding discussions, Project transportation energy consumption would not be considered inefficient, wasteful, or otherwise unnecessary and impacts would be **less than significant**.

Summary

As explained above, the project would use renewable energy on site as determined to be feasible and would not result in wasteful, inefficient, or unnecessary consumption of energy resources, including electricity, natural gas, or petroleum, during Project construction or operation. Impacts would be **less than significant**.

Level of Significance Before Mitigation

Impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be **less than significant without mitigation**.

4.4.2 Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

The project would be subject to and would comply with, at a minimum, the California Building Energy Efficiency Standards (24 CCR Part 6). Part 6 of Title 24 establishes energy efficiency standards for nonresidential buildings

constructed in California in order to reduce energy demand and consumption. As such, the project would comply with the California code requirements for energy efficiency.

Part 11 of Title 24 sets forth voluntary and mandatory energy measures that are applicable to the project under CALGreen. CALGreen institutes mandatory minimum environmental performance standards for all ground-up, new construction of commercial, low-rise residential, high-rise residential, state-owned buildings, schools, and hospitals, as well as certain residential and nonresidential additions and alterations. Additionally, energy consumed by the project's operation is calculated to be comparable to energy consumed by other industrial uses of similar scale and intensity that are constructed and operating in California. On this basis, the project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. This impact would be **less than significant**.

Level of Significance Before Mitigation

Impacts would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be **less than significant without mitigation**.

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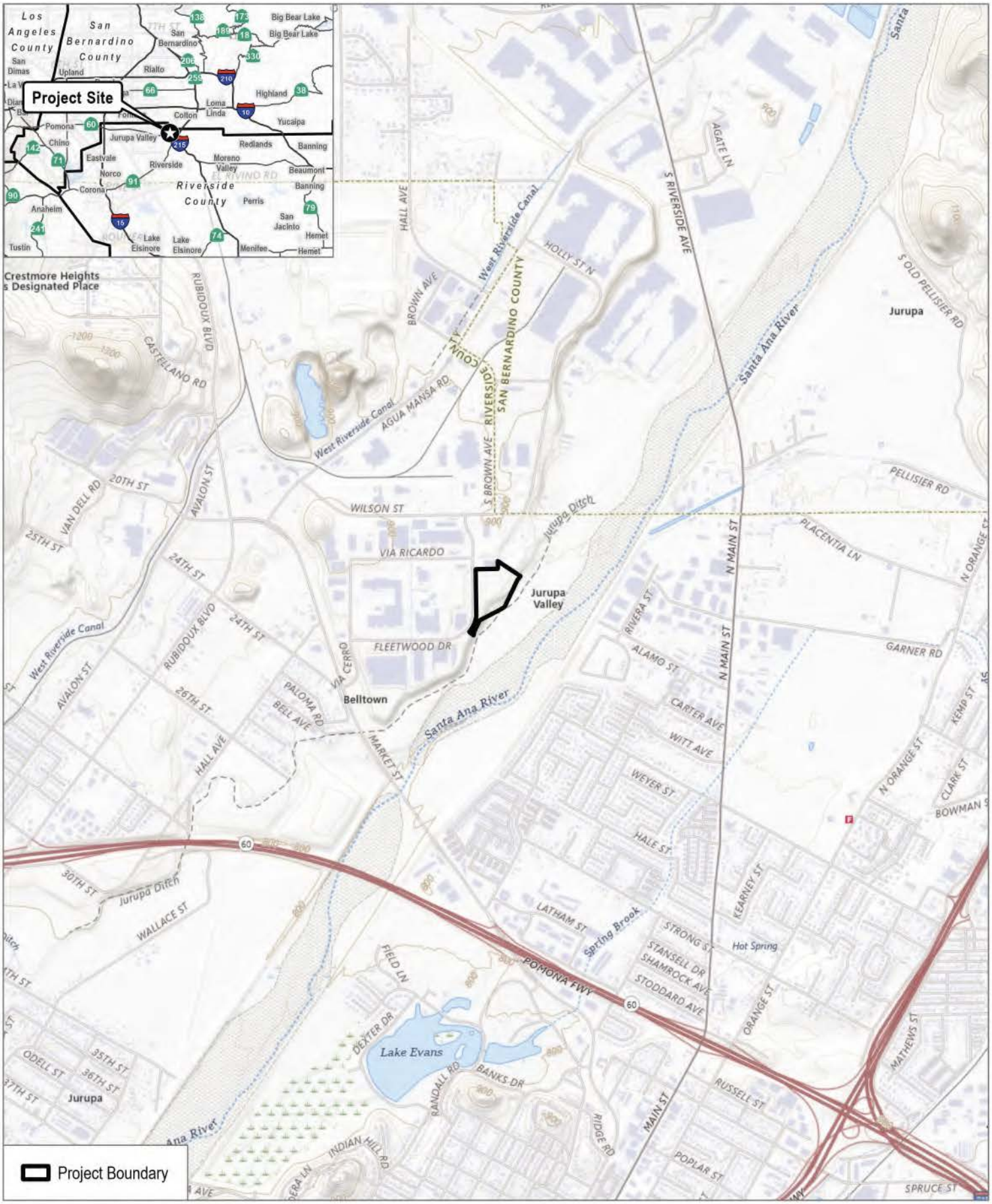
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6 Preparers

Dudek

Elena Nuño, Senior Air Quality Specialist

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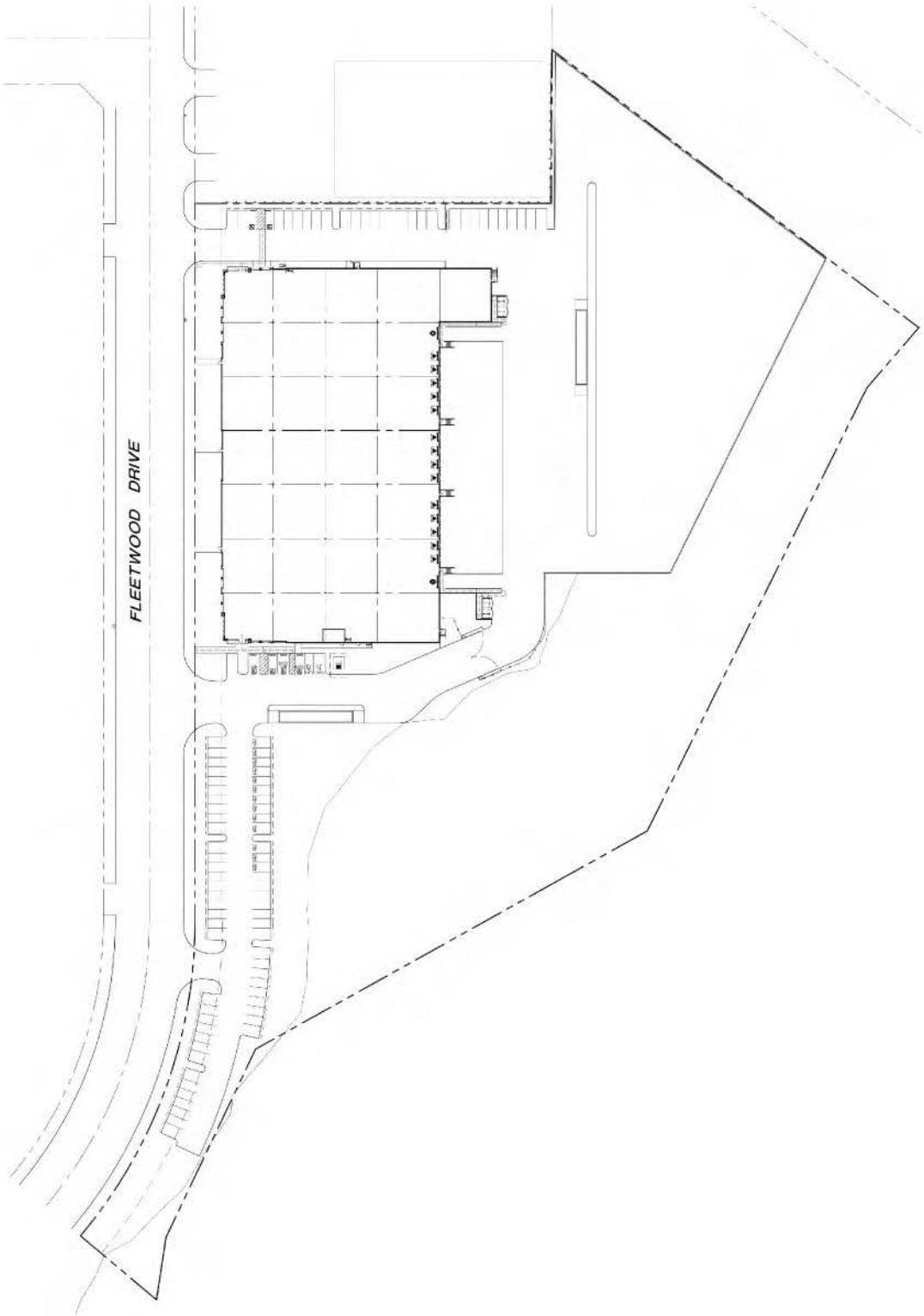
SOURCE: USGS National Map 2024
Fontana Quadrangle - Township 2S; Range 5W; Section 11

DUDEK

0 500 1,000 Feet

FIGURE 1
Project Location
2240 Fleetwood Drive Industrial Building Project

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Bing Imagery 2023, Open Street Map 2019

DUDEK

0 0.75 1.5 Feet

FIGURE 2

Project Site

2240 Fleetwood Drive Industrial Building Project

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Appendix A

CalEEMod Output Files – Regional Emissions

2240 Fleetwood Drive Project Regional Emissions - Unmitigated Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	2240 Fleetwood Drive Project Regional Emissions - Unmitigated
Construction Start Date	1/6/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20000
Precipitation (days)	14.2000
Location	2240 Fleetwood Dr, Riverside, CA 92509, USA
County	Riverside-South Coast
City	Jurupa Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5425
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.39

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
Manufacturing	26.5000	1000sqft	0.76000	26,500.0	23,583.0	0.00000	—	—

Parking Lot	131.000	Space	1.18000	0.00000	0.00000	0.00000	—	—
Other Asphalt Surfaces	2.70000	Acre	2.70000	0.00000	0.00000	0.00000	—	—
Manufacturing	55.0000	1000sqft	1.18000	55,000.0	23,583.0	-1.000000	—	—
Other Non-Asphalt Surfaces	169.100	1000sqft	3.88000	0.00000	175,657	0.00000	—	—
User Defined Industrial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	0.00000	—	Tire Recycling Facility Trucks
User Defined Commercial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	0.00000	—	Warehouse Trucks

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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.54892	1.28839	11.0631	15.8120	0.02655	0.43814	0.56419	1.00233	0.40359	0.13726	0.54085	—	3,305.19	3,305.19	0.12651	0.10144	2.97642	3,341.56
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.6692	42.6399	31.8684	31.2688	0.05137	1.36735	7.93573	9.30309	1.25811	4.00456	5.26267	—	6,736.61	6,736.61	0.22840	0.59289	0.22090	6,918.42
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.42508	2.41420	8.91486	11.4601	0.02070	0.35340	0.77954	1.13294	0.32574	0.28458	0.61032	—	2,560.47	2,560.47	0.09621	0.09755	1.01614	2,592.96
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.44258	0.44059	1.62696	2.09147	0.00378	0.06450	0.14227	0.20676	0.05945	0.05194	0.11138	—	423.914	423.914	0.01593	0.01615	0.16823	429.293
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.54892	1.28839	11.0631	15.8120	0.02655	0.43814	0.56419	1.00233	0.40359	0.13726	0.54085	—	3,305.19	3,305.19	0.12651	0.10144	2.97642	3,341.56
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03005	3.38863	31.8684	31.2688	0.05137	1.36735	7.93573	9.30309	1.25811	4.00456	5.26267	—	6,736.61	6,736.61	0.22840	0.59289	0.22090	6,918.42
2026	42.6692	42.6399	10.4722	14.9611	0.02655	0.38495	0.56419	0.94915	0.35466	0.13726	0.49192	—	3,250.14	3,250.14	0.11337	0.10144	0.07109	3,283.27
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.18526	0.99032	8.91486	11.4601	0.02070	0.35340	0.77954	1.13294	0.32574	0.28458	0.61032	—	2,560.47	2,560.47	0.09621	0.09755	1.01614	2,592.96
2026	2.42508	2.41420	0.48431	0.74042	0.00096	0.02030	0.01922	0.03952	0.01868	0.00452	0.02320	—	119.717	119.717	0.00436	0.00178	0.03116	120.388

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.21631	0.18073	1.62696	2.09147	0.00378	0.06450	0.14227	0.20676	0.05945	0.05194	0.11138	—	423.914	423.914	0.01593	0.01615	0.16823	429.293
2026	0.44258	0.44059	0.08839	0.13513	0.00018	0.00371	0.00351	0.00721	0.00341	0.00083	0.00423	—	19.8205	19.8205	0.00072	0.00029	0.00516	19.9316

2.2.2. Onsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.34670	1.12690	10.4442	13.0401	0.02340	0.43184	0.00000	0.43184	0.39729	0.00000	0.39729	—	2,397.68	2,397.68	0.09726	0.01945	0.00000	2,405.91
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	7.66623	9.03179	1.25631	3.93995	5.19626	—	5,295.34	5,295.34	0.21480	0.04296	0.00000	5,313.52
2026	42.6333	42.6080	9.85401	12.9664	0.02340	0.37865	0.00000	0.37865	0.34836	0.00000	0.34836	—	2,397.24	2,397.24	0.09724	0.01945	0.00000	2,405.47
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.05965	0.88747	8.25811	9.92330	0.01740	0.34571	0.36176	0.70747	0.31805	0.18119	0.49924	—	1,799.33	1,799.33	0.07299	0.01460	0.00000	1,805.51
2026	2.41855	2.40842	0.47554	0.65737	0.00095	0.02028	0.00000	0.02028	0.01866	0.00000	0.01866	—	99.4700	99.4700	0.00403	0.00081	0.00000	99.8113
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.19339	0.16196	1.50711	1.81100	0.00318	0.06309	0.06602	0.12911	0.05804	0.03307	0.09111	—	297.900	297.900	0.01208	0.00242	0.00000	298.922
2026	0.44138	0.43954	0.08679	0.11997	0.00017	0.00370	0.00000	0.00370	0.00340	0.00000	0.00340	—	16.4684	16.4684	0.00067	0.00013	0.00000	16.5249

2.2.3. Offsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	0.20222	0.16148	0.61892	2.77192	0.00315	0.00630	0.56419	0.57049	0.00630	0.13726	0.14356	—	907.510	907.510	0.02925	0.08199	2.97642	935.650
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.22100	0.15187	4.21160	2.13430	0.02405	0.06794	1.14831	1.21625	0.06794	0.31227	0.38021	—	3,777.27	3,777.27	0.07632	0.56888	0.22090	3,948.92
2026	0.17124	0.14407	0.61818	1.99472	0.00315	0.00630	0.56419	0.57049	0.00630	0.13726	0.14356	—	852.898	852.898	0.01613	0.08199	0.07109	877.805
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.12561	0.10285	0.65674	1.53679	0.00330	0.00769	0.41778	0.42547	0.00769	0.10339	0.11108	—	761.134	761.134	0.02322	0.08295	1.01614	787.449
2026	0.00654	0.00578	0.00877	0.08305	0.00001	0.00002	0.01922	0.01925	0.00002	0.00452	0.00455	—	20.2471	20.2471	0.00032	0.00097	0.03116	20.5763
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.02292	0.01877	0.11986	0.28046	0.00060	0.00140	0.07624	0.07765	0.00140	0.01887	0.02027	—	126.014	126.014	0.00384	0.01373	0.16823	130.371
2026	0.00119	0.00105	0.00160	0.01516	< 0.000005	< 0.000005	0.00351	0.00351	< 0.000005	0.00083	0.00083	—	3.35213	3.35213	0.00005	0.00016	0.00516	3.40665

2.3. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.44274	4.82456	24.9382	80.3185	0.15430	0.63290	7.73617	8.36908	0.59302	2.01273	2.60575	90.5802	18,657.0	18,747.6	9.63913	1.52416	75.5355	19,518.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.75809	4.18951	25.4427	73.4457	0.15100	0.62673	7.73617	8.36290	0.58838	2.01273	2.60111	90.5802	18,330.7	18,421.2	9.64266	1.53167	22.6239	19,141.4
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.85257	4.32670	21.8899	59.8694	0.14678	0.52424	7.67128	8.19552	0.49338	1.99650	2.48989	90.5802	17,577.1	17,667.7	9.61690	1.52910	44.6704	18,408.4
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.88559	0.78962	3.99491	10.9262	0.02679	0.09567	1.40001	1.49568	0.09004	0.36436	0.45440	14.9966	2,910.09	2,925.09	1.59219	0.25316	7.39569	3,047.73
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.4. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.53744	1.28642	11.0273	18.4857	0.13175	0.18414	7.73617	7.92032	0.17548	2.01273	2.18821	—	13,791.3	13,791.3	0.21239	1.40674	54.3207	14,270.2
Area	2.63398	2.58534	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,904.25	1,904.25	0.17386	0.01115	—	1,911.92
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	1.16789	0.90109	12.9408	57.4986	0.01669	0.37101	—	0.37101	0.34133	—	0.34133	—	2,807.39	2,807.39	0.09219	0.01655	—	2,814.63
Total	5.44274	4.82456	24.9382	80.3185	0.15430	0.63290	7.73617	8.36908	0.59302	2.01273	2.60575	90.5802	18,657.0	18,747.6	9.63913	1.52416	75.5355	19,518.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Mobile	1.48328	1.23321	11.5617	15.1573	0.12867	0.18427	7.73617	7.92044	0.17560	2.01273	2.18833	—	13,479.5	13,479.5	0.21653	1.41437	1.40909	13,907.8
Area	2.00349	2.00349	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,904.25	1,904.25	0.17386	0.01115	—	1,911.92
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	1.16789	0.90109	12.9408	57.4986	0.01669	0.37101	—	0.37101	0.34133	—	0.34133	—	2,807.39	2,807.39	0.09219	0.01655	—	2,814.63
Total	4.75809	4.18951	25.4427	73.4457	0.15100	0.62673	7.73617	8.36290	0.58838	2.01273	2.60111	90.5802	18,330.7	18,421.2	9.64266	1.53167	22.6239	19,141.4
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.48188	1.23110	11.7111	15.6941	0.12911	0.18419	7.67128	7.85547	0.17553	1.99650	2.17204	—	13,523.6	13,523.6	0.21688	1.41647	23.4556	13,974.6
Area	2.43534	2.40202	0.02043	2.42766	0.00014	0.00431	—	0.00431	0.00326	—	0.00326	—	9.98356	9.98356	0.00042	0.00009	—	10.0196
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,904.25	1,904.25	0.17386	0.01115	—	1,911.92
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	0.83192	0.64187	9.21813	40.9579	0.01189	0.26428	—	0.26428	0.24314	—	0.24314	—	1,999.79	1,999.79	0.06567	0.01179	—	2,004.94
Total	4.85257	4.32670	21.8899	59.8694	0.14678	0.52424	7.67128	8.19552	0.49338	1.99650	2.48989	90.5802	17,577.1	17,667.7	9.61690	1.52910	44.6704	18,408.4
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.27044	0.22468	2.13728	2.86417	0.02356	0.03362	1.40001	1.43362	0.03203	0.36436	0.39640	—	2,238.99	2,238.99	0.03591	0.23451	3.88334	2,313.65
Area	0.44445	0.43837	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885
Energy	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	315.271	315.271	0.02879	0.00185	—	316.541
Water	—	—	—	—	—	—	—	—	—	—	—	5.97926	23.0909	29.0701	0.61531	0.01483	—	48.8733
Waste	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235
Off-Road	0.15183	0.11714	1.68231	7.47482	0.00217	0.04823	—	0.04823	0.04437	—	0.04437	—	331.087	331.087	0.01087	0.00195	—	331.941
Total	0.88559	0.78962	3.99491	10.9262	0.02679	0.09567	1.40001	1.49568	0.09004	0.36436	0.45440	14.9966	2,910.09	2,925.09	1.59219	0.25316	7.39569	3,047.73

3. Construction Emissions Details

3.1. Site Preparation (2025)

3.1.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	—	1.36555	1.25631	—	1.25631	—	5,295.34	5,295.34	0.21480	0.04296	—	5,313.52
Dust From Material Movement	—	—	—	—	—	—	7.66623	7.66623	—	3.93995	3.93995	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10793	0.09069	0.86687	0.82673	0.00134	0.03741	—	0.03741	0.03442	—	0.03442	—	145.078	145.078	0.00588	0.00118	—	145.576
Dust From Material Movement	—	—	—	—	—	—	0.21003	0.21003	—	0.10794	0.10794	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01970	0.01655	0.15820	0.15088	0.00024	0.00683	—	0.00683	0.00628	—	0.00628	—	24.0193	24.0193	0.00097	0.00019	—	24.1017
Dust From Material Movement	—	—	—	—	—	—	0.03833	0.03833	—	0.01970	0.01970	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08512	0.07579	0.08691	1.05041	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	233.214	233.214	0.01091	0.00893	0.02415	236.172
Vendor	0.00534	0.00249	0.14067	0.04291	0.00090	0.00180	0.03422	0.03602	0.00180	0.00946	0.01125	—	122.463	122.463	0.00268	0.01861	0.00902	128.084
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00231	0.00205	0.00258	0.03042	0.00000	0.00000	0.00639	0.00639	0.00000	0.00150	0.00150	—	6.47074	6.47074	0.00030	0.00024	0.01102	6.56213
Vendor	0.00015	0.00007	0.00385	0.00116	0.00002	0.00005	0.00093	0.00098	0.00005	0.00026	0.00031	—	3.35380	3.35380	0.00007	0.00051	0.00412	3.51167
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00042	0.00038	0.00047	0.00555	0.00000	0.00000	0.00117	0.00117	0.00000	0.00027	0.00027	—	1.07130	1.07130	0.00005	0.00004	0.00182	1.08643
Vendor	0.00003	0.00001	0.00070	0.00021	< 0.000005	0.00001	0.00017	0.00018	0.00001	0.00005	0.00006	—	0.55526	0.55526	0.00001	0.00008	0.00068	0.58140

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Grading (2025)

3.2.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07412	1.74283	16.2737	17.9144	0.02732	0.72197	—	0.72197	0.66421	—	0.66421	—	2,959.35	2,959.35	0.12004	0.02401	—	2,969.50
Dust From Material Movement	—	—	—	—	—	—	2.76902	2.76902	—	1.33668	1.33668	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11365	0.09550	0.89171	0.98161	0.00150	0.03956	—	0.03956	0.03640	—	0.03640	—	162.156	162.156	0.00658	0.00132	—	162.712
Dust From Material Movement	—	—	—	—	—	—	0.15173	0.15173	—	0.07324	0.07324	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02074	0.01743	0.16274	0.17914	0.00027	0.00722	—	0.00722	0.00664	—	0.00664	—	26.8468	26.8468	0.00109	0.00022	—	26.9389
Dust From Material Movement	—	—	—	—	—	—	0.02769	0.02769	—	0.01337	0.01337	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07566	0.06737	0.07725	0.93370	0.00000	0.00000	0.20914	0.20914	0.00000	0.04902	0.04902	—	207.301	207.301	0.00970	0.00794	0.02146	209.930
Vendor	0.00534	0.00249	0.14067	0.04291	0.00090	0.00180	0.03422	0.03602	0.00180	0.00946	0.01125	—	122.463	122.463	0.00268	0.01861	0.00902	128.084
Hauling	0.13999	0.05181	3.99367	0.94909	0.02315	0.06614	0.90495	0.97109	0.06614	0.25380	0.31993	—	3,447.50	3,447.50	0.06393	0.54234	0.19042	3,610.91
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00411	0.00365	0.00459	0.05408	0.00000	0.00000	0.01135	0.01135	0.00000	0.00266	0.00266	—	11.5035	11.5035	0.00053	0.00043	0.01958	11.6660
Vendor	0.00030	0.00015	0.00770	0.00232	0.00005	0.00010	0.00186	0.00196	0.00010	0.00051	0.00061	—	6.70759	6.70759	0.00015	0.00102	0.00825	7.02334
Hauling	0.00779	0.00296	0.22119	0.05152	0.00127	0.00362	0.04923	0.05286	0.00362	0.01382	0.01744	—	188.846	188.846	0.00350	0.02972	0.17275	197.962
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00075	0.00067	0.00084	0.00987	0.00000	0.00000	0.00207	0.00207	0.00000	0.00049	0.00049	—	1.90454	1.90454	0.00009	0.00007	0.00324	1.93144
Vendor	0.00005	0.00003	0.00141	0.00042	0.00001	0.00002	0.00034	0.00036	0.00002	0.00009	0.00011	—	1.11052	1.11052	0.00002	0.00017	0.00137	1.16279
Hauling	0.00142	0.00054	0.04037	0.00940	0.00023	0.00066	0.00899	0.00965	0.00066	0.00252	0.00318	—	31.2656	31.2656	0.00058	0.00492	0.02860	32.7748

3.3. Building Construction (2025)

3.3.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34670	1.12690	10.4442	13.0401	0.02340	0.43184	—	0.43184	0.39729	—	0.39729	—	2,397.68	2,397.68	0.09726	0.01945	—	2,405.91
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34670	1.12690	10.4442	13.0401	0.02340	0.43184	—	0.43184	0.39729	—	0.39729	—	2,397.68	2,397.68	0.09726	0.01945	—	2,405.91
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83806	0.70128	6.49953	8.11496	0.01456	0.26874	—	0.26874	0.24724	—	0.24724	—	1,492.10	1,492.10	0.06053	0.01211	—	1,497.22
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15295	0.12798	1.18616	1.48098	0.00266	0.04904	—	0.04904	0.04512	—	0.04512	—	247.034	247.034	0.01002	0.00200	—	247.882

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18290	0.15216	0.14879	2.62575	0.00000	0.00000	0.44441	0.44441	0.00000	0.10417	0.10417	—	479.189	479.189	0.01986	0.01687	1.76090	486.472
Vendor	0.01932	0.00932	0.47013	0.14618	0.00315	0.00630	0.11978	0.12608	0.00630	0.03309	0.03939	—	428.321	428.321	0.00938	0.06512	1.21552	449.178
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16078	0.14317	0.16416	1.98412	0.00000	0.00000	0.44441	0.44441	0.00000	0.10417	0.10417	—	440.515	440.515	0.02061	0.01687	0.04561	446.102
Vendor	0.01870	0.00870	0.49235	0.15019	0.00315	0.00630	0.11978	0.12608	0.00630	0.03309	0.03939	—	428.621	428.621	0.00938	0.06512	0.03156	448.294
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09912	0.08816	0.11079	1.30517	0.00000	0.00000	0.27404	0.27404	0.00000	0.06420	0.06420	—	277.625	277.625	0.01283	0.01050	0.47264	281.546
Vendor	0.01183	0.00580	0.30605	0.09212	0.00196	0.00392	0.07397	0.07789	0.00392	0.02045	0.02437	—	266.627	266.627	0.00584	0.04053	0.32779	279.178
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01809	0.01609	0.02022	0.23819	0.00000	0.00000	0.05001	0.05001	0.00000	0.01172	0.01172	—	45.9641	45.9641	0.00212	0.00174	0.07825	46.6132
Vendor	0.00216	0.00106	0.05585	0.01681	0.00036	0.00072	0.01350	0.01421	0.00072	0.00373	0.00445	—	44.1431	44.1431	0.00097	0.00671	0.05427	46.2211
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Building Construction (2026)

3.4.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.27993	1.07101	9.85401	12.9664	0.02340	0.37865	—	0.37865	0.34836	—	0.34836	—	2,397.24	2,397.24	0.09724	0.01945	—	2,405.47
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00501	0.00419	0.03857	0.05075	0.00009	0.00148	—	0.00148	0.00136	—	0.00136	—	9.38254	9.38254	0.00038	0.00008	—	9.41474
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00091	0.00077	0.00704	0.00926	0.00002	0.00027	—	0.00027	0.00025	—	0.00025	—	1.55339	1.55339	0.00006	0.00001	—	1.55872
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15254	0.13567	0.14879	1.85144	0.00000	0.00000	0.44441	0.44441	0.00000	0.10417	0.10417	—	431.163	431.163	0.00675	0.01687	0.04125	436.399
Vendor	0.01870	0.00840	0.46939	0.14327	0.00315	0.00630	0.11978	0.12608	0.00630	0.03309	0.03939	—	421.735	421.735	0.00938	0.06512	0.02985	441.406
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00059	0.00053	0.00064	0.00758	0.00000	0.00000	0.00172	0.00172	0.00000	0.00040	0.00040	—	1.70893	1.70893	0.00003	0.00007	0.00269	1.73194
Vendor	0.00007	0.00003	0.00185	0.00055	0.00001	0.00002	0.00047	0.00049	0.00002	0.00013	0.00015	—	1.64993	1.64993	0.00004	0.00025	0.00194	1.72874
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00011	0.00010	0.00012	0.00138	0.00000	0.00000	0.00031	0.00031	0.00000	0.00007	0.00007	—	0.28293	0.28293	< 0.000005	0.00001	0.00044	0.28674
Vendor	0.00001	0.00001	0.00034	0.00010	< 0.000005	< 0.000005	0.00008	0.00009	< 0.000005	0.00002	0.00003	—	0.27316	0.27316	0.00001	0.00004	0.00032	0.28621
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2026)

3.5.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.90546	0.76084	7.11822	9.93804	0.01395	0.31987	—	0.31987	0.29428	—	0.29428	—	1,510.59	1,510.59	0.06128	0.01226	—	1,515.78
Paving	0.50828	0.50828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04961	0.04169	0.39004	0.54455	0.00076	0.01753	—	0.01753	0.01612	—	0.01612	—	82.7721	82.7721	0.00336	0.00067	—	83.0562
Paving	0.02785	0.02785	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00905	0.00761	0.07118	0.09938	0.00014	0.00320	—	0.00320	0.00294	—	0.00294	—	13.7039	13.7039	0.00056	0.00011	—	13.7509
Paving	0.00508	0.00508	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07178	0.06385	0.07002	0.87127	0.00000	0.00000	0.20914	0.20914	0.00000	0.04902	0.04902	—	202.900	202.900	0.00317	0.00794	0.01941	205.364
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00391	0.00348	0.00419	0.04994	0.00000	0.00000	0.01135	0.01135	0.00000	0.00266	0.00266	—	11.2588	11.2588	0.00017	0.00043	0.01769	11.4104
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00071	0.00063	0.00077	0.00911	0.00000	0.00000	0.00207	0.00207	0.00000	0.00049	0.00049	—	1.86402	1.86402	0.00003	0.00007	0.00293	1.88913
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Architectural Coating (2026)

3.6.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14557	0.12031	0.85645	1.13283	0.00173	0.02315	—	0.02315	0.02130	—	0.02130	—	133.504	133.504	0.00542	0.00108	—	133.963
Architectural Coatings	42.4877	42.4877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00798	0.00659	0.04693	0.06207	0.00009	0.00127	—	0.00127	0.00117	—	0.00117	—	7.31531	7.31531	0.00030	0.00006	—	7.34042
Architectural Coatings	2.32809	2.32809	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00146	0.00120	0.00856	0.01133	0.00002	0.00023	—	0.00023	0.00021	—	0.00021	—	1.21113	1.21113	0.00005	0.00001	—	1.21529
Architectural Coatings	0.42488	0.42488	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03589	0.03192	0.03501	0.43563	0.00000	0.00000	0.10457	0.10457	0.00000	0.02451	0.02451	—	101.450	101.450	0.00159	0.00397	0.00970	102.682
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00196	0.00174	0.00210	0.02497	0.00000	0.00000	0.00568	0.00568	0.00000	0.00133	0.00133	—	5.62940	5.62940	0.00009	0.00022	0.00885	5.70522
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00036	0.00032	0.00038	0.00456	0.00000	0.00000	0.00104	0.00104	0.00000	0.00024	0.00024	—	0.93201	0.93201	0.00001	0.00004	0.00146	0.94456
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.92574	0.85063	0.71737	14.2117	0.03994	0.01647	3.88221	3.89869	0.01517	0.97969	0.99485	—	4,040.44	4,040.44	0.07682	0.08053	13.1603	4,079.52
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

User Defined Industrial	0.52563	0.38074	8.61190	3.68586	0.07673	0.14010	3.29384	3.43394	0.13396	0.88299	1.01695	—	8,139.57	8,139.57	0.10967	1.09381	35.6465	8,503.92
User Defined Commercial	0.08607	0.05505	1.69801	0.58810	0.01509	0.02756	0.56012	0.58768	0.02636	0.15005	0.17641	—	1,611.31	1,611.31	0.02590	0.23240	5.51390	1,686.72
Total	1.53744	1.28642	11.0273	18.4857	0.13175	0.18414	7.73617	7.92032	0.17548	2.01273	2.18821	—	13,791.3	13,791.3	0.21239	1.40674	54.3207	14,270.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.88222	0.80706	0.79538	10.8858	0.03683	0.01647	3.88221	3.89869	0.01517	0.97969	0.99485	—	3,726.41	3,726.41	0.08127	0.08636	0.34117	3,754.52
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	0.51682	0.37274	8.99294	3.68116	0.07674	0.14020	3.29384	3.43405	0.13405	0.88299	1.01705	—	8,141.32	8,141.32	0.10942	1.09538	0.92486	8,471.40
User Defined Commercial	0.08425	0.05342	1.77336	0.59034	0.01510	0.02759	0.56012	0.58771	0.02638	0.15005	0.17643	—	1,611.81	1,611.81	0.02584	0.23263	0.14306	1,681.92
Total	1.48328	1.23321	11.5617	15.1573	0.12867	0.18427	7.73617	7.92044	0.17560	2.01273	2.18833	—	13,479.5	13,479.5	0.21653	1.41437	1.40909	13,907.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.16027	0.14648	0.14959	2.08755	0.00680	0.00301	0.70194	0.70495	0.00277	0.17715	0.17992	—	624.466	624.466	0.01349	0.01459	0.94078	630.093
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	0.09468	0.06834	1.66081	0.66943	0.01400	0.02558	0.59660	0.62218	0.02445	0.16002	0.18447	—	1,347.72	1,347.72	0.01813	0.18140	2.54837	1,404.78
User Defined Commercial	0.01550	0.00986	0.32688	0.10718	0.00275	0.00503	0.10146	0.10650	0.00481	0.02719	0.03201	—	266.805	266.805	0.00428	0.03852	0.39419	278.784
Total	0.27044	0.22468	2.13728	2.86417	0.02356	0.03362	1.40001	1.43362	0.03203	0.36436	0.39640	—	2,238.99	2,238.99	0.03591	0.23451	3.88334	2,313.65

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	739.702	739.702	0.07051	0.00855	—	744.011
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.7074	42.7074	0.00407	0.00049	—	42.9562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	782.409	782.409	0.07458	0.00904	—	786.968
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	739.702	739.702	0.07051	0.00855	—	744.011
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.7074	42.7074	0.00407	0.00049	—	42.9562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	782.409	782.409	0.07458	0.00904	—	786.968
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	122.466	122.466	0.01167	0.00141	—	123.180
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	7.07070	7.07070	0.00067	0.00008	—	7.11189
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	129.537	129.537	0.01235	0.00150	—	130.291

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Manufac	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	185.734	185.734	0.01644	0.00035	—	186.249
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	185.734	185.734	0.01644	0.00035	—	186.249

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.77069	1.77069	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.23281	0.23281	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.63049	0.58184	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Total	2.63398	2.58534	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.77069	1.77069	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.23281	0.23281	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	2.00349	2.00349	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Consumer Product	0.32315	0.32315	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.04249	0.04249	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07881	0.07273	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885
Total	0.44445	0.43837	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	36.1151	125.451	161.566	3.71514	0.08944	—	281.097
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	14.0188	14.0188	0.00134	0.00016	—	14.1005
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	36.1151	125.451	161.566	3.71514	0.08944	—	281.097
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	14.0188	14.0188	0.00134	0.00016	—	14.1005
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	5.97926	20.7699	26.7492	0.61508	0.01481	—	46.5388
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	2.32097	2.32097	0.00022	0.00003	—	2.33449

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	5.97926	23.0909	29.0701	0.61531	0.01483	—	48.8733

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Total	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.94211	0.71136	11.2968	55.4619	0.01408	0.32343	—	0.32343	0.29755	—	0.29755	—	2,524.12	2,524.12	0.08070	0.01425	—	2,530.39
Excavators	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	1.16789	0.90109	12.9408	57.4986	0.01669	0.37101	—	0.37101	0.34133	—	0.34133	—	2,807.39	2,807.39	0.09219	0.01655	—	2,814.63
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.94211	0.71136	11.2968	55.4619	0.01408	0.32343	—	0.32343	0.29755	—	0.29755	—	2,524.12	2,524.12	0.08070	0.01425	—	2,530.39
Excavators	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	1.16789	0.90109	12.9408	57.4986	0.01669	0.37101	—	0.37101	0.34133	—	0.34133	—	2,807.39	2,807.39	0.09219	0.01655	—	2,814.63
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.12247	0.09248	1.46859	7.21004	0.00183	0.04205	—	0.04205	0.03868	—	0.03868	—	297.680	297.680	0.00952	0.00168	—	298.419
Excavators	0.02935	0.02466	0.21372	0.26478	0.00034	0.00619	—	0.00619	0.00569	—	0.00569	—	33.4072	33.4072	0.00136	0.00027	—	33.5218
Total	0.15183	0.11714	1.68231	7.47482	0.00217	0.04823	—	0.04823	0.04437	—	0.04437	—	331.087	331.087	0.01087	0.00195	—	331.941

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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
Site Preparation	Site Preparation	1/6/2025	1/17/2025	5.00000	10.00000	—
Grading	Grading	1/20/2025	2/14/2025	5.00000	20.0000	—
Building Construction	Building Construction	2/17/2025	1/2/2026	5.00000	230.000	—
Paving	Paving	1/5/2026	1/30/2026	5.00000	20.0000	—
Architectural Coating	Architectural Coating	2/2/2026	2/27/2026	5.00000	20.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Excavators	Diesel	Average	1.000000	8.00000	36.0000	0.38000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	8.00000	84.0000	0.37000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Building Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Building Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	7.00000	84.0000	0.37000
Paving	Pavers	Diesel	Average	2.00000	8.00000	81.0000	0.42000

Paving	Paving Equipment	Diesel	Average	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	Worker	18.0000	18.5000	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00000	10.2000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	0.00000	—	HHDT
Grading	Worker	16.0000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	4.00000	10.2000	HHDT,MHDT
Grading	Hauling	50.0000	20.0000	HHDT
Grading	Onsite truck	0.00000	—	HHDT
Building Construction	Worker	34.0000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	14.0000	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Paving	Worker	16.0000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	0.00000	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	8.00000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	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	0.00000	0.00000	122,250	40,750.0	20,281.5

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 (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00000	0.00000	15.0000	0.00000	0.00000
Grading	0.00000	7,825.00	20.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	7.76000

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Manufacturing	0.00000	0%
Paving	Parking Lot	1.18000	100%
Paving	Other Asphalt Surfaces	2.70000	100%

Paving	Manufacturing	0.00000	0%
Paving	Other Non-Asphalt Surfaces	3.88000	0%
Paving	User Defined Industrial	0.00000	0%
Paving	User Defined Commercial	0.00000	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	0.00000	348.637	0.03300	0.00400
2026	0.00000	346.196	0.03300	0.00400

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Manufacturing	104.145	104.145	104.145	38,012.9	1,698.63	1,698.63	1,698.63	619,998
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Manufacturing	237.600	237.600	237.600	86,724.0	3,875.30	3,875.30	3,875.30	1,414,485
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	144.000	144.000	144.000	52,560.0	3,844.80	3,844.80	3,844.80	1,403,352
User Defined Commercial	26.0000	26.0000	26.0000	9,490.00	645.320	645.320	645.320	235,542

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Manufacturing	Wood Fireplaces	0	0
Manufacturing	Gas Fireplaces	0	0
Manufacturing	Propane Fireplaces	0	0
Manufacturing	Electric Fireplaces	0	0
Manufacturing	No Fireplaces	0	0
Manufacturing	Conventional Wood Stoves	0	0
Manufacturing	Catalytic Wood Stoves	0	0
Manufacturing	Non-Catalytic Wood Stoves	0	0
Manufacturing	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0
Parking Lot	Catalytic Wood Stoves	0	0
Parking Lot	Non-Catalytic Wood Stoves	0	0
Parking Lot	Pellet Wood Stoves	0	0
Other Asphalt Surfaces	Wood Fireplaces	0	0
Other Asphalt Surfaces	Gas Fireplaces	0	0
Other Asphalt Surfaces	Propane Fireplaces	0	0
Other Asphalt Surfaces	Electric Fireplaces	0	0
Other Asphalt Surfaces	No Fireplaces	0	0
Other Asphalt Surfaces	Conventional Wood Stoves	0	0
Other Asphalt Surfaces	Catalytic Wood Stoves	0	0
Other Asphalt Surfaces	Non-Catalytic Wood Stoves	0	0

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

User Defined Commercial	Wood Fireplaces	0	0
User Defined Commercial	Gas Fireplaces	0	0
User Defined Commercial	Propane Fireplaces	0	0
User Defined Commercial	Electric Fireplaces	0	0
User Defined Commercial	No Fireplaces	0	0
User Defined Commercial	Conventional Wood Stoves	0	0
User Defined Commercial	Catalytic Wood Stoves	0	0
User Defined Commercial	Non-Catalytic Wood Stoves	0	0
User Defined Commercial	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0.00000	0.00000	122,250	40,750.0	20,281.5

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Manufacturing	253,580	346.196	0.0330	0.0040	1,138,184
Parking Lot	45,027.1	346.196	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000

Manufacturing	526,299	346.196	0.0330	0.0040	2,362,268
Other Non-Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
User Defined Industrial	0.00000	346.196	0.0330	0.0040	0.00000
User Defined Commercial	0.00000	346.196	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Manufacturing	6,128,125	373,925
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Manufacturing	12,718,750	373,906
Other Non-Asphalt Surfaces	0.00000	2,785,167
User Defined Industrial	0.00000	0.00000
User Defined Commercial	0.00000	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Manufacturing	32.8600	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Manufacturing	68.2000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000
User Defined Industrial	0.00000	0.00000
User Defined Commercial	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000

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
Forklifts	CNG	Average	4.00000	8.00000	70.0000	0.30000
Forklifts	Diesel	Average	2.00000	8.00000	82.0000	0.20000
Excavators	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Forklifts	Diesel	Average	2.00000	8.00000	82.0000	0.20000
Forklifts	Diesel	Average	6.00000	8.00000	82.0000	0.20000

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	26.2000	annual days of extreme heat
Extreme Precipitation	3.55000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	3.43000	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	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	92.6322
AQ-DPM	69.0604
Drinking Water	94.8920
Lead Risk Housing	85.0032
Pesticides	0.00000
Toxic Releases	87.8845
Traffic	64.6500
Effect Indicators	—
CleanUp Sites	89.6603
Groundwater	22.1152
Haz Waste Facilities/Generators	97.2469
Impaired Water Bodies	12.4528
Solid Waste	94.5704
Sensitive Population	—
Asthma	61.7896

Cardio-vascular	72.3081
Low Birth Weights	54.6189
Socioeconomic Factor Indicators	—
Education	88.9775
Housing	47.6172
Linguistic	72.2561
Poverty	60.0126
Unemployment	73.4123

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	22.4560503
Employed	40.16424997
Median HI	44.70678814
Education	—
Bachelor's or higher	24.38085461
High school enrollment	100
Preschool enrollment	36.10932888
Transportation	—
Auto Access	54.54895419
Active commuting	28.89772873
Social	—
2-parent households	62.96676505
Voting	11.36917747
Neighborhood	—
Alcohol availability	63.53137431

Park access	12.48556397
Retail density	18.10599256
Supermarket access	12.57538817
Tree canopy	6.249197998
Housing	—
Homeownership	62.73578853
Housing habitability	38.79122289
Low-inc homeowner severe housing cost burden	35.30091107
Low-inc renter severe housing cost burden	50.46836905
Uncrowded housing	10.22712691
Health Outcomes	—
Insured adults	18.72192994
Arthritis	0.0
Asthma ER Admissions	38.0
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	7.3
Cognitively Disabled	21.0
Physically Disabled	29.8
Heart Attack ER Admissions	11.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	85.1

Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	1.6
SLR Inundation Area	0.0
Children	20.9
Elderly	87.4
English Speaking	16.1
Foreign-born	65.9
Outdoor Workers	12.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.8
Traffic Density	80.3
Traffic Access	23.0
Other Indices	—
Hardship	79.8
Other Decision Support	—
2016 Voting	16.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	95.0000
Healthy Places Index Score for Project Location (b)	25.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes

Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Based on Project Description
Construction: Construction Phases	Estimated Schedule
Construction: Trips and VMT	Even numbered of trips for workers/vendor/haul trips. Added vendor trips to site prep/grading for dust control - water trucks.
Operations: Vehicle Data	Based on traffic trip generation study. Trip length based on project-specifics, EMFAC averages, SCAQMD truck trip lengths.
Operations: Fleet Mix	Based on adjusted fleet mix for the project to reflect both the passenger vehicles and the trucks as calculated by the Transportation Analysis. Passenger mix %= LDA - 55.2918, LDT1-4.237, LDT2-22.831, MDV - 17.6393 = Total = 100% Tire Facility Trucks %= LHD1- 33.21,LHD2-15.09, MHD-22.4, HHD-29.3% = 100% Manufacturing Trucks % = LHD1-22.48, LHD2-1022, MHD-17.9, HHD-49.4 = 100%
Operations: Off-Road Equipment	Tire Recycling Facility - Offroad equipment per applicant rep - 4 CNG forklifts, 2 excavator diesels, 2 diesel forklifts. Manufacturing - added offroad equipment to manufacturing use per SCAQMD Business Survey. http://www.aqmd.gov/docs/default-source/ceqa/handbook/high-cube-warehouse-trip-rate-study-for-a - total with worst-case "warehouse" assumption would be 6 forklifts diesel

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	0.60836	0.76000
Landscape Area	sq. ft	—	23,583.0
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	1.17900	1.18000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	1.26263	1.18000
Landscape Area	sq. ft	—	23,583.0
Special Landscape Area	sq. ft	—	-1.000000
Lot Area	acre	3.88200	3.88000
Landscape Area	sq. ft	—	175,657
Special Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Site Preparation	Site Preparation	Start Date	2/4/2025	1/6/2025
Site Preparation	Site Preparation	End Date	2/18/2025	1/17/2025
Grading	Grading	Start Date	2/19/2025	1/20/2025
Grading	Grading	End Date	3/19/2025	2/14/2025
Building Construction	Building Construction	Start Date	3/20/2025	2/17/2025
Building Construction	Building Construction	End Date	2/5/2026	1/2/2026
Paving	Paving	Start Date	2/6/2026	1/5/2026
Paving	Paving	End Date	3/6/2026	1/30/2026

Architectural Coating	Architectural Coating	Start Date	3/7/2026	2/2/2026
Architectural Coating	Architectural Coating	End Date	4/4/2026	2/27/2026

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Site Preparation	Worker	One-Way Trips per Day	17.5000	18.0000
Grading	Worker	One-Way Trips per Day	15.0000	16.0000
Grading	Hauling	One-Way Trips per Day	48.9500	50.0000
Building Construction	Worker	One-Way Trips per Day	34.2300	34.0000
Building Construction	Vendor	One-Way Trips per Day	13.3578	14.0000
Paving	Worker	One-Way Trips per Day	15.0000	16.0000
Architectural Coating	Worker	One-Way Trips per Day	6.84600	8.00000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Manufacturing	Weekday Trip Rate	size/day	3.93000	3.93000
Manufacturing	Saturday Trip Rate	size/day	6.42000	3.93000
Manufacturing	Sunday Trip Rate	size/day	5.09000	3.93000
Manufacturing	Weekday Trip Rate	size/day	3.93000	4.32000
Manufacturing	Saturday Trip Rate	size/day	6.42000	4.32000
Manufacturing	Sunday Trip Rate	size/day	5.09000	4.32000
User Defined Industrial	Weekday Trip Rate	size/day	0.00000	144.000
User Defined Industrial	Saturday Trip Rate	size/day	0.00000	144.000
User Defined Industrial	Sunday Trip Rate	size/day	0.00000	144.000

User Defined Industrial	Non-Res H-W Trip Length	miles	23.2124	26.7000
User Defined Industrial	Non-Res W-O Trip Length	miles	9.92483	26.7000
User Defined Industrial	Non-Res O-O Trip Length	miles	7.52221	26.7000
User Defined Commercial	Weekday Trip Rate	size/day	0.00000	26.0000
User Defined Commercial	Saturday Trip Rate	size/day	0.00000	26.0000
User Defined Commercial	Sunday Trip Rate	size/day	0.00000	26.0000
User Defined Commercial	Non-Res H-W Trip Length	miles	23.2124	24.8200
User Defined Commercial	Non-Res W-O Trip Length	miles	9.92483	24.8200
User Defined Commercial	Non-Res O-O Trip Length	miles	7.52221	24.8200

8.5.1.2. Fleet Mix

Land Use	Season	Model Parameter	Units	Default Value	New Value
Manufacturing	A	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	A	Passenger Cars	%	50%	55%
Manufacturing	A	Light-Duty Trucks 1	%	4%	4%
Manufacturing	A	Light-Duty Trucks 2	%	20%	23%
Manufacturing	A	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	A	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	A	Motorcycles	%	2%	0%
Manufacturing	A	Medium-Duty Trucks	%	16%	18%
Manufacturing	A	Motor Homes	%	1%	0%
Manufacturing	A	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	A	Other Buses	%	< 0.5%	0%
Manufacturing	A	School Buses	%	< 0.5%	0%
Manufacturing	A	Urban Buses	%	< 0.5%	0%
Manufacturing	S	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	S	Passenger Cars	%	50%	55%
Manufacturing	S	Light-Duty Trucks 1	%	4%	4%

Manufacturing	S	Light-Duty Trucks 2	%	20%	23%
Manufacturing	S	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	S	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	S	Motorcycles	%	2%	0%
Manufacturing	S	Medium-Duty Trucks	%	16%	18%
Manufacturing	S	Motor Homes	%	1%	0%
Manufacturing	S	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	S	Other Buses	%	< 0.5%	0%
Manufacturing	S	School Buses	%	< 0.5%	0%
Manufacturing	S	Urban Buses	%	< 0.5%	0%
Manufacturing	W	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	W	Passenger Cars	%	50%	55%
Manufacturing	W	Light-Duty Trucks 1	%	4%	4%
Manufacturing	W	Light-Duty Trucks 2	%	20%	23%
Manufacturing	W	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	W	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	W	Motorcycles	%	2%	0%
Manufacturing	W	Medium-Duty Trucks	%	16%	18%
Manufacturing	W	Motor Homes	%	1%	0%
Manufacturing	W	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	W	Other Buses	%	< 0.5%	0%
Manufacturing	W	School Buses	%	< 0.5%	0%
Manufacturing	W	Urban Buses	%	< 0.5%	0%
Manufacturing	A	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	A	Passenger Cars	%	50%	55%
Manufacturing	A	Light-Duty Trucks 1	%	4%	4%
Manufacturing	A	Light-Duty Trucks 2	%	20%	23%
Manufacturing	A	Light Heavy-Duty Trucks 1	%	3%	0%

Manufacturing	A	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	A	Motorcycles	%	2%	0%
Manufacturing	A	Medium-Duty Trucks	%	16%	18%
Manufacturing	A	Motor Homes	%	1%	0%
Manufacturing	A	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	A	Other Buses	%	< 0.5%	0%
Manufacturing	A	School Buses	%	< 0.5%	0%
Manufacturing	A	Urban Buses	%	< 0.5%	0%
Manufacturing	S	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	S	Passenger Cars	%	50%	55%
Manufacturing	S	Light-Duty Trucks 1	%	4%	4%
Manufacturing	S	Light-Duty Trucks 2	%	20%	23%
Manufacturing	S	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	S	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	S	Motorcycles	%	2%	0%
Manufacturing	S	Medium-Duty Trucks	%	16%	18%
Manufacturing	S	Motor Homes	%	1%	0%
Manufacturing	S	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	S	Other Buses	%	< 0.5%	0%
Manufacturing	S	School Buses	%	< 0.5%	0%
Manufacturing	S	Urban Buses	%	< 0.5%	0%
Manufacturing	W	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	W	Passenger Cars	%	50%	55%
Manufacturing	W	Light-Duty Trucks 1	%	4%	4%
Manufacturing	W	Light-Duty Trucks 2	%	20%	23%
Manufacturing	W	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	W	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	W	Motorcycles	%	2%	0%

Manufacturing	W	Medium-Duty Trucks	%	16%	18%
Manufacturing	W	Motor Homes	%	1%	0%
Manufacturing	W	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	W	Other Buses	%	< 0.5%	0%
Manufacturing	W	School Buses	%	< 0.5%	0%
Manufacturing	W	Urban Buses	%	< 0.5%	0%
User Defined Industrial	A	Heavy-Heavy-Duty Trucks	%	2%	29%
User Defined Industrial	A	Passenger Cars	%	50%	0%
User Defined Industrial	A	Light-Duty Trucks 1	%	4%	0%
User Defined Industrial	A	Light-Duty Trucks 2	%	20%	0%
User Defined Industrial	A	Light Heavy-Duty Trucks 1	%	3%	33%
User Defined Industrial	A	Light Heavy-Duty Trucks 2	%	1%	15%
User Defined Industrial	A	Motorcycles	%	2%	0%
User Defined Industrial	A	Medium-Duty Trucks	%	16%	0%
User Defined Industrial	A	Motor Homes	%	1%	0%
User Defined Industrial	A	Medium-Heavy-Duty Trucks	%	1%	22%
User Defined Industrial	A	Other Buses	%	< 0.5%	0%
User Defined Industrial	A	School Buses	%	< 0.5%	0%
User Defined Industrial	A	Urban Buses	%	< 0.5%	0%
User Defined Industrial	S	Heavy-Heavy-Duty Trucks	%	2%	29%
User Defined Industrial	S	Passenger Cars	%	50%	0%
User Defined Industrial	S	Light-Duty Trucks 1	%	4%	0%
User Defined Industrial	S	Light-Duty Trucks 2	%	20%	0%
User Defined Industrial	S	Light Heavy-Duty Trucks 1	%	3%	33%
User Defined Industrial	S	Light Heavy-Duty Trucks 2	%	1%	15%
User Defined Industrial	S	Motorcycles	%	2%	0%
User Defined Industrial	S	Medium-Duty Trucks	%	16%	0%
User Defined Industrial	S	Motor Homes	%	1%	0%

User Defined Industrial	S	Medium-Heavy-Duty Trucks	%	1%	22%
User Defined Industrial	S	Other Buses	%	< 0.5%	0%
User Defined Industrial	S	School Buses	%	< 0.5%	0%
User Defined Industrial	S	Urban Buses	%	< 0.5%	0%
User Defined Industrial	W	Heavy-Heavy-Duty Trucks	%	2%	29%
User Defined Industrial	W	Passenger Cars	%	50%	0%
User Defined Industrial	W	Light-Duty Trucks 1	%	4%	0%
User Defined Industrial	W	Light-Duty Trucks 2	%	20%	0%
User Defined Industrial	W	Light Heavy-Duty Trucks 1	%	3%	33%
User Defined Industrial	W	Light Heavy-Duty Trucks 2	%	1%	15%
User Defined Industrial	W	Motorcycles	%	2%	0%
User Defined Industrial	W	Medium-Duty Trucks	%	16%	0%
User Defined Industrial	W	Motor Homes	%	1%	0%
User Defined Industrial	W	Medium-Heavy-Duty Trucks	%	1%	22%
User Defined Industrial	W	Other Buses	%	< 0.5%	0%
User Defined Industrial	W	School Buses	%	< 0.5%	0%
User Defined Industrial	W	Urban Buses	%	< 0.5%	0%
User Defined Commercial	A	Heavy-Heavy-Duty Trucks	%	2%	49%
User Defined Commercial	A	Passenger Cars	%	50%	0%
User Defined Commercial	A	Light-Duty Trucks 1	%	4%	0%
User Defined Commercial	A	Light-Duty Trucks 2	%	20%	0%
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User Defined Commercial	A	Motor Homes	%	1%	0%
User Defined Commercial	A	Medium-Heavy-Duty Trucks	%	1%	18%
User Defined Commercial	A	Other Buses	%	< 0.5%	0%

User Defined Commercial	A	School Buses	%	< 0.5%	0%
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User Defined Commercial	S	Motor Homes	%	1%	0%
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User Defined Commercial	S	School Buses	%	< 0.5%	0%
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User Defined Commercial	W	Motorcycles	%	2%	0%
User Defined Commercial	W	Medium-Duty Trucks	%	16%	0%
User Defined Commercial	W	Motor Homes	%	1%	0%
User Defined Commercial	W	Medium-Heavy-Duty Trucks	%	1%	18%
User Defined Commercial	W	Other Buses	%	< 0.5%	0%
User Defined Commercial	W	School Buses	%	< 0.5%	0%
User Defined Commercial	W	Urban Buses	%	< 0.5%	0%

8.5.7. Off-Road Equipment

8.5.7.1. Off-Road Equipment

Equipment Type	Model Parameter	Default Value	New Value
Forklifts	Number/Day	2.00000	4.00000
Forklifts	Fuel Type	Electric	Diesel
Forklifts	Number/Day	3.00000	6.00000

2240 Fleetwood Drive Project Regional Emissions - Mitigated Detailed Report

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3.2.1. Onsite - Unmitigated

3.2.2. Offsite - Unmitigated

3.2.3. Onsite - Mitigated

3.2.4. Offsite - Mitigated

3.3. Building Construction (2025)

3.3.1. Onsite - Unmitigated

3.3.2. Offsite - Unmitigated

3.3.3. Onsite - Mitigated

3.3.4. Offsite - Mitigated

3.4. Building Construction (2026)

3.4.1. Onsite - Unmitigated

3.4.2. Offsite - Unmitigated

3.4.3. Onsite - Mitigated

3.4.4. Offsite - Mitigated

3.5. Paving (2026)

3.5.1. Onsite - Unmitigated

3.5.2. Offsite - Unmitigated

3.5.3. Onsite - Mitigated

3.5.4. Offsite - Mitigated

3.6. Architectural Coating (2026)

3.6.1. Onsite - Unmitigated

3.6.2. Offsite - Unmitigated

3.6.3. Onsite - Mitigated

3.6.4. Offsite - Mitigated

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

4.1.2. Mitigated

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

4.2.2. Electricity Emissions By Land Use - Mitigated

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

4.2.4. Natural Gas Emissions By Land Use - Mitigated

4.3. Area Emissions by Source

4.3.1. Unmitigated

4.3.2. Mitigated

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

4.4.2. Mitigated

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

4.5.2. Mitigated

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

4.6.2. Mitigated

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

4.7.2. Mitigated

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

4.8.2. Mitigated

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

4.9.2. Mitigated

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

5. Activity Data

5.1. Construction Schedule

5.2. Off-Road Equipment

5.2.1. Unmitigated

5.2.2. Mitigated

5.3. Construction Vehicles

5.3.1. Unmitigated

5.3.2. Mitigated

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

5.9.2. Mitigated

5.10. Operational Area Sources

5.10.1. Hearths

5.10.2. Architectural Coatings

5.10.3. Landscape Equipment

5.10.4. Landscape Equipment - Mitigated

5.11. Operational Energy Consumption

5.11.1. Unmitigated

5.11.2. Mitigated

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

5.12.2. Mitigated

5.13. Operational Waste Generation

5.13.1. Unmitigated

5.13.2. Mitigated

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

5.14.2. Mitigated

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

5.15.2. Mitigated

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.1.2. Mitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

5.18.2.2. Mitigated

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

8.1. Justifications

8.3. Land Use

8.4. Construction

8.4.1. Construction Phases

8.4.2. Off-Road Equipment

8.4.6. Trips and VMT

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

8.5.1.2. Fleet Mix

8.5.7. Off-Road Equipment

8.5.7.1. Off-Road Equipment

8.6. Measure Input Overrides

8.6.1. Construction Measure Inputs

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	2240 Fleetwood Drive Project Regional Emissions - Mitigated
Construction Start Date	1/6/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20000
Precipitation (days)	14.2000
Location	2240 Fleetwood Dr, Riverside, CA 92509, USA
County	Riverside-South Coast
City	Jurupa Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5425
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.39

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
Manufacturing	26.5000	1000sqft	0.76000	26,500.0	23,583.0	0.00000	—	—

Parking Lot	131.000	Space	1.18000	0.00000	0.00000	0.00000	—	—
Other Asphalt Surfaces	2.70000	Acre	2.70000	0.00000	0.00000	0.00000	—	—
Manufacturing	55.0000	1000sqft	1.18000	55,000.0	23,583.0	0.00000	—	—
Other Non-Asphalt Surfaces	169.100	1000sqft	3.88000	0.00000	175,657	0.00000	—	—
User Defined Industrial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	0.00000	—	Tire Recycling Facility Trucks
User Defined Commercial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	0.00000	—	Trucks

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Construction	C-1-A	Use Electric or Hybrid Powered Equipment
Construction	C-2*	Limit Heavy-Duty Diesel Vehicle Idling

* Qualitative or supporting measure. Emission reductions not included in the mitigated emissions results.

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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.42903	1.18931	10.2689	15.2877	0.02510	0.40583	0.56419	0.97002	0.37387	0.13726	0.51113	—	3,201.43	3,201.43	0.12230	0.10060	2.97642	3,237.44
Mit.	1.42903	1.18931	10.2689	15.2877	0.02510	0.40583	0.56419	0.97002	0.37387	0.13726	0.51113	—	3,201.51	3,201.51	0.12231	0.10060	2.97642	3,237.53
% Reduced	—	—	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.6692	42.6399	31.8684	31.2688	0.05137	1.36735	7.93573	9.30309	1.25811	4.00456	5.26267	—	6,736.70	6,736.70	0.22840	0.59289	0.22090	6,918.51
Mit.	42.5236	42.5196	31.8684	31.2688	0.05137	1.36735	7.93573	9.30309	1.25811	4.00456	5.26267	—	6,736.78	6,736.78	0.22841	0.59289	0.22090	6,918.59
% Reduced	< 0.5%	< 0.5%	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.42462	2.41381	8.42061	11.1338	0.01980	0.33330	0.77954	1.11283	0.30725	0.28458	0.59183	—	2,495.90	2,495.90	0.09359	0.09702	1.01614	2,528.17
Mit.	2.41664	2.40722	8.42061	11.1338	0.01980	0.33330	0.77954	1.11283	0.30725	0.28458	0.59183	—	2,495.96	2,495.96	0.09360	0.09702	1.01614	2,528.23
% Reduced	< 0.5%	< 0.5%	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	—	—	—	> -0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.44249	0.44052	1.53676	2.03192	0.00361	0.06083	0.14227	0.20309	0.05607	0.05194	0.10801	—	413.225	413.225	0.01550	0.01606	0.16823	418.568
Mit.	0.44104	0.43932	1.53676	2.03192	0.00361	0.06083	0.14227	0.20309	0.05607	0.05194	0.10801	—	413.235	413.235	0.01550	0.01606	0.16823	418.577
% Reduced	< 0.5%	< 0.5%	—	—	—	—	—	—	—	—	—	—	> -0.5%	> -0.5%	> -0.5%	—	—	> -0.5%
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Mit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.42903	1.18931	10.2689	15.2877	0.02510	0.40583	0.56419	0.97002	0.37387	0.13726	0.51113	—	3,201.43	3,201.43	0.12230	0.10060	2.97642	3,237.44
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03005	3.38863	31.8684	31.2688	0.05137	1.36735	7.93573	9.30309	1.25811	4.00456	5.26267	—	6,736.70	6,736.70	0.22840	0.59289	0.22090	6,918.51
2026	42.6692	42.6399	9.68211	14.4386	0.02510	0.35314	0.56419	0.91733	0.32539	0.13726	0.46265	—	3,146.81	3,146.81	0.10921	0.10060	0.07109	3,179.59
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.11066	0.92867	8.42061	11.1338	0.01980	0.33330	0.77954	1.11283	0.30725	0.28458	0.59183	—	2,495.90	2,495.90	0.09359	0.09702	1.01614	2,528.17
2026	2.42462	2.41381	0.48122	0.73838	0.00096	0.02018	0.01922	0.03940	0.01857	0.00452	0.02309	—	119.369	119.369	0.00435	0.00178	0.03116	120.039
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.20269	0.16948	1.53676	2.03192	0.00361	0.06083	0.14227	0.20309	0.05607	0.05194	0.10801	—	413.225	413.225	0.01550	0.01606	0.16823	418.568
2026	0.44249	0.44052	0.08782	0.13475	0.00017	0.00368	0.00351	0.00719	0.00339	0.00083	0.00421	—	19.7629	19.7629	0.00072	0.00029	0.00516	19.8738

2.2.2. Onsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.22682	1.02783	9.65001	12.5158	0.02195	0.39953	0.00000	0.39953	0.36757	0.00000	0.36757	—	2,293.84	2,293.84	0.09305	0.01861	0.00000	2,301.71

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	7.66623	9.03179	1.25631	3.93995	5.19626	—	5,295.34	5,295.34	0.21480	0.04296	0.00000	5,313.52
2026	42.6333	42.6080	9.06393	12.4439	0.02195	0.34684	0.00000	0.34684	0.31909	0.00000	0.31909	—	2,293.40	2,293.40	0.09303	0.01861	0.00000	2,301.27
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.98504	0.82582	7.76387	9.59703	0.01650	0.32561	0.36176	0.68737	0.29956	0.18119	0.48074	—	1,734.71	1,734.71	0.07037	0.01407	0.00000	1,740.66
2026	2.41808	2.40803	0.47244	0.65533	0.00094	0.02015	0.00000	0.02015	0.01854	0.00000	0.01854	—	99.0636	99.0636	0.00402	0.00080	0.00000	99.4035
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.17977	0.15071	1.41691	1.75146	0.00301	0.05942	0.06602	0.12544	0.05467	0.03307	0.08774	—	287.201	287.201	0.01165	0.00233	0.00000	288.187
2026	0.44130	0.43947	0.08622	0.11960	0.00017	0.00368	0.00000	0.00368	0.00338	0.00000	0.00338	—	16.4011	16.4011	0.00067	0.00013	0.00000	16.4574

2.2.3. Offsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.20222	0.16148	0.61892	2.77192	0.00315	0.00630	0.56419	0.57049	0.00630	0.13726	0.14356	—	907.593	907.593	0.02925	0.08199	2.97642	935.735
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.22100	0.15187	4.21160	2.13430	0.02405	0.06794	1.14831	1.21625	0.06794	0.31227	0.38021	—	3,777.35	3,777.35	0.07632	0.56888	0.22090	3,949.00
2026	0.17124	0.14407	0.61818	1.99472	0.00315	0.00630	0.56419	0.57049	0.00630	0.13726	0.14356	—	853.414	853.414	0.01618	0.08200	0.07109	878.325
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.12561	0.10285	0.65674	1.53679	0.00330	0.00769	0.41778	0.42547	0.00769	0.10339	0.11108	—	761.193	761.193	0.02323	0.08295	1.01614	787.508
2026	0.00654	0.00578	0.00877	0.08305	0.00001	0.00002	0.01922	0.01925	0.00002	0.00452	0.00455	—	20.3057	20.3057	0.00033	0.00097	0.03116	20.6353
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.02292	0.01877	0.11986	0.28046	0.00060	0.00140	0.07624	0.07765	0.00140	0.01887	0.02027	—	126.024	126.024	0.00385	0.01373	0.16823	130.381

2026	0.00119	0.00105	0.00160	0.01516	< 0.000005	< 0.000005	0.00351	0.00351	< 0.000005	0.00083	0.00083	—	3.36184	3.36184	0.00005	0.00016	0.00516	3.41641

2.2.4. Total Construction Emissions by Year, Mitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.42903	1.18931	10.2689	15.2877	0.02510	0.40583	0.56419	0.97002	0.37387	0.13726	0.51113	—	3,201.51	3,201.51	0.12231	0.10060	2.97642	3,237.53
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.03005	3.38863	31.8684	31.2688	0.05137	1.36735	7.93573	9.30309	1.25811	4.00456	5.26267	—	6,736.78	6,736.78	0.22841	0.59289	0.22090	6,918.59
2026	42.5236	42.5196	9.68211	14.4386	0.02510	0.35314	0.56419	0.91733	0.32539	0.13726	0.46265	—	3,147.99	3,147.99	0.10932	0.10062	0.07109	3,180.78
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.11066	0.92867	8.42061	11.1338	0.01980	0.33330	0.77954	1.11283	0.30725	0.28458	0.59183	—	2,495.96	2,495.96	0.09360	0.09702	1.01614	2,528.23
2026	2.41664	2.40722	0.43429	0.67630	0.00086	0.01891	0.01922	0.03813	0.01740	0.00452	0.02192	—	112.188	112.188	0.00406	0.00172	0.03116	112.833
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.20269	0.16948	1.53676	2.03192	0.00361	0.06083	0.14227	0.20309	0.05607	0.05194	0.10801	—	413.235	413.235	0.01550	0.01606	0.16823	418.577
2026	0.44104	0.43932	0.07926	0.12343	0.00016	0.00345	0.00351	0.00696	0.00318	0.00083	0.00400	—	18.5740	18.5740	0.00067	0.00028	0.00516	18.6808

2.2.5. Onsite Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.22682	1.02783	9.65001	12.5158	0.02195	0.39953	0.00000	0.39953	0.36757	0.00000	0.36757	—	2,293.84	2,293.84	0.09305	0.01861	0.00000	2,301.71

Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	7.66623	9.03179	1.25631	3.93995	5.19626	—	5,295.34	5,295.34	0.21480	0.04296	0.00000	5,313.52
2026	42.4877	42.4877	9.06393	12.4439	0.02195	0.34684	0.00000	0.34684	0.31909	0.00000	0.31909	—	2,293.40	2,293.40	0.09303	0.01861	0.00000	2,301.27
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.98504	0.82582	7.76387	9.59703	0.01650	0.32561	0.36176	0.68737	0.29956	0.18119	0.48074	—	1,734.71	1,734.71	0.07037	0.01407	0.00000	1,740.66
2026	2.41010	2.40144	0.42551	0.59325	0.00085	0.01888	0.00000	0.01888	0.01737	0.00000	0.01737	—	91.7482	91.7482	0.00372	0.00074	0.00000	92.0631
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.17977	0.15071	1.41691	1.75146	0.00301	0.05942	0.06602	0.12544	0.05467	0.03307	0.08774	—	287.201	287.201	0.01165	0.00233	0.00000	288.187
2026	0.43984	0.43826	0.07766	0.10827	0.00016	0.00345	0.00000	0.00345	0.00317	0.00000	0.00317	—	15.1900	15.1900	0.00062	0.00012	0.00000	15.2421

2.2.6. Offsite Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.20222	0.16148	0.61892	2.77192	0.00315	0.00630	0.56419	0.57049	0.00630	0.13726	0.14356	—	907.677	907.677	0.02926	0.08199	2.97642	935.819
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.22100	0.15187	4.21160	2.13430	0.02405	0.06794	1.14831	1.21625	0.06794	0.31227	0.38021	—	3,777.43	3,777.43	0.07633	0.56888	0.22090	3,949.09
2026	0.17124	0.14407	0.61818	1.99472	0.00315	0.00630	0.56419	0.57049	0.00630	0.13726	0.14356	—	854.595	854.595	0.01629	0.08201	0.07109	879.512
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.12561	0.10285	0.65674	1.53679	0.00330	0.00769	0.41778	0.42547	0.00769	0.10339	0.11108	—	761.252	761.252	0.02323	0.08295	1.01614	787.568
2026	0.00654	0.00578	0.00877	0.08305	0.00001	0.00002	0.01922	0.01925	0.00002	0.00452	0.00455	—	20.4397	20.4397	0.00034	0.00098	0.03116	20.7701
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.02292	0.01877	0.11986	0.28046	0.00060	0.00140	0.07624	0.07765	0.00140	0.01887	0.02027	—	126.034	126.034	0.00385	0.01373	0.16823	130.391

2026	0.00119	0.00105	0.00160	0.01516	< 0.000005	< 0.000005	0.00351	0.00351	< 0.000005	0.00083	0.00083	—	3.38402	3.38402	0.00006	0.00016	0.00516	3.43872

2.3. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.50063	4.11319	13.6413	24.8566	0.14022	0.30948	7.73617	8.04565	0.29547	2.01273	2.30820	90.5802	16,645.1	16,735.7	9.60725	1.51583	75.5355	17,503.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.81598	3.47814	14.1459	17.9838	0.13693	0.30330	7.73617	8.03948	0.29083	2.01273	2.30356	90.5802	16,318.7	16,409.3	9.61079	1.52333	22.6239	17,126.1
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.18148	3.81997	13.8429	20.3624	0.13675	0.29386	7.67128	7.96514	0.28143	1.99650	2.27793	90.5802	16,143.9	16,234.5	9.59420	1.52316	44.6704	16,972.9
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.76312	0.69715	2.52632	3.71613	0.02496	0.05363	1.40001	1.45364	0.05136	0.36436	0.41572	14.9966	2,672.81	2,687.81	1.58843	0.25218	7.39569	2,810.06
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.4. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.53744	1.28642	11.0273	18.4857	0.13175	0.18414	7.73617	7.92032	0.17548	2.01273	2.18821	—	13,791.3	13,791.3	0.21239	1.40674	54.3207	14,270.2
Area	2.63398	2.58534	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	2,416.44	2,416.44	0.22269	0.01707	—	2,427.09
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	4.50063	4.11319	13.6413	24.8566	0.14022	0.30948	7.73617	8.04565	0.29547	2.01273	2.30820	90.5802	16,645.1	16,735.7	9.60725	1.51583	75.5355	17,503.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.48328	1.23321	11.5617	15.1573	0.12867	0.18427	7.73617	7.92044	0.17560	2.01273	2.18833	—	13,479.5	13,479.5	0.21653	1.41437	1.40909	13,907.8
Area	2.00349	2.00349	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	2,416.44	2,416.44	0.22269	0.01707	—	2,427.09
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	3.81598	3.47814	14.1459	17.9838	0.13693	0.30330	7.73617	8.03948	0.29083	2.01273	2.30356	90.5802	16,318.7	16,409.3	9.61079	1.52333	22.6239	17,126.1
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.48188	1.23110	11.7111	15.6941	0.12911	0.18419	7.67128	7.85547	0.17553	1.99650	2.17204	—	13,523.6	13,523.6	0.21688	1.41647	23.4556	13,974.6

Area	2.43534	2.40202	0.02043	2.42766	0.00014	0.00431	—	0.00431	0.00326	—	0.00326	—	9.98356	9.98356	0.00042	0.00009	—	10.0196
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	2,269.10	2,269.10	0.20864	0.01537	—	2,278.89
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	0.16083	0.13514	1.17106	1.45084	0.00186	0.03389	—	0.03389	0.03118	—	0.03118	—	201.781	201.781	0.00819	0.00164	—	202.473
Total	4.18148	3.81997	13.8429	20.3624	0.13675	0.29386	7.67128	7.96514	0.28143	1.99650	2.27793	90.5802	16,143.9	16,234.5	9.59420	1.52316	44.6704	16,972.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.27044	0.22468	2.13728	2.86417	0.02356	0.03362	1.40001	1.43362	0.03203	0.36436	0.39640	—	2,238.99	2,238.99	0.03591	0.23451	3.88334	2,313.65
Area	0.44445	0.43837	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885
Energy	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	375.675	375.675	0.03454	0.00254	—	377.297
Water	—	—	—	—	—	—	—	—	—	—	—	5.97926	23.0909	29.0702	0.61531	0.01483	—	48.8733
Waste	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235
Off-Road	0.02935	0.02466	0.21372	0.26478	0.00034	0.00619	—	0.00619	0.00569	—	0.00569	—	33.4072	33.4072	0.00136	0.00027	—	33.5218
Total	0.76312	0.69715	2.52632	3.71613	0.02496	0.05363	1.40001	1.45364	0.05136	0.36436	0.41572	14.9966	2,672.81	2,687.81	1.58843	0.25218	7.39569	2,810.06

2.5. Operations Emissions by Sector, Mitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.53744	1.28642	11.0273	18.4857	0.13175	0.18414	7.73617	7.92032	0.17548	2.01273	2.18821	—	13,791.3	13,791.3	0.21239	1.40674	54.3207	14,270.2
Area	2.63398	2.58534	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	2,416.44	2,416.44	0.22269	0.01707	—	2,427.09
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198

Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	4.50063	4.11319	13.6413	24.8566	0.14022	0.30948	7.73617	8.04565	0.29547	2.01273	2.30820	90.5802	16,645.1	16,735.7	9.60725	1.51583	75.5355	17,503.1
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.48328	1.23321	11.5617	15.1573	0.12867	0.18427	7.73617	7.92044	0.17560	2.01273	2.18833	—	13,479.5	13,479.5	0.21653	1.41437	1.40909	13,907.8
Area	2.00349	2.00349	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	2,416.44	2,416.44	0.22269	0.01707	—	2,427.09
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	3.81598	3.47814	14.1459	17.9838	0.13693	0.30330	7.73617	8.03948	0.29083	2.01273	2.30356	90.5802	16,318.7	16,409.3	9.61079	1.52333	22.6239	17,126.1
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.48188	1.23110	11.7111	15.6941	0.12911	0.18419	7.67128	7.85547	0.17553	1.99650	2.17204	—	13,523.6	13,523.6	0.21688	1.41647	23.4556	13,974.6
Area	2.43534	2.40202	0.02043	2.42766	0.00014	0.00431	—	0.00431	0.00326	—	0.00326	—	9.98356	9.98356	0.00042	0.00009	—	10.0196
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	2,269.10	2,269.10	0.20864	0.01537	—	2,278.89
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	0.16083	0.13514	1.17106	1.45084	0.00186	0.03389	—	0.03389	0.03118	—	0.03118	—	201.781	201.781	0.00819	0.00164	—	202.473
Total	4.18148	3.81997	13.8429	20.3624	0.13675	0.29386	7.67128	7.96514	0.28143	1.99650	2.27793	90.5802	16,143.9	16,234.5	9.59420	1.52316	44.6704	16,972.9
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.27044	0.22468	2.13728	2.86417	0.02356	0.03362	1.40001	1.43362	0.03203	0.36436	0.39640	—	2,238.99	2,238.99	0.03591	0.23451	3.88334	2,313.65
Area	0.44445	0.43837	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885

Energy	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	375.675	375.675	0.03454	0.00254	—	377.297
Water	—	—	—	—	—	—	—	—	—	—	—	5.97926	23.0909	29.0702	0.61531	0.01483	—	48.8733
Waste	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235
Off-Road	0.02935	0.02466	0.21372	0.26478	0.00034	0.00619	—	0.00619	0.00569	—	0.00569	—	33.4072	33.4072	0.00136	0.00027	—	33.5218
Total	0.76312	0.69715	2.52632	3.71613	0.02496	0.05363	1.40001	1.45364	0.05136	0.36436	0.41572	14.9966	2,672.81	2,687.81	1.58843	0.25218	7.39569	2,810.06

3. Construction Emissions Details

3.1. Site Preparation (2025)

3.1.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	—	1.36555	1.25631	—	1.25631	—	5,295.34	5,295.34	0.21480	0.04296	—	5,313.52
Dust From Material Movement	—	—	—	—	—	—	7.66623	7.66623	—	3.93995	3.93995	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.10793	0.09069	0.86687	0.82673	0.00134	0.03741	—	0.03741	0.03442	—	0.03442	—	145.078	145.078	0.00588	0.00118	—	145.576
Dust From Material Movement	—	—	—	—	—	—	0.21003	0.21003	—	0.10794	0.10794	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Roa d Equipm ent	0.01970	0.01655	0.15820	0.15088	0.00024	0.00683	—	0.00683	0.00628	—	0.00628	—	24.0193	24.0193	0.00097	0.00019	—	24.1017
Dust From Material Movement	—	—	—	—	—	—	0.03833	0.03833	—	0.01970	0.01970	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08512	0.07579	0.08691	1.05041	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	233.214	233.214	0.01091	0.00893	0.02415	236.172
Vendor	0.00534	0.00249	0.14067	0.04291	0.00090	0.00180	0.03422	0.03602	0.00180	0.00946	0.01125	—	122.463	122.463	0.00268	0.01861	0.00902	128.084
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00231	0.00205	0.00258	0.03042	0.00000	0.00000	0.00639	0.00639	0.00000	0.00150	0.00150	—	6.47074	6.47074	0.00030	0.00024	0.01102	6.56213
Vendor	0.00015	0.00007	0.00385	0.00116	0.00002	0.00005	0.00093	0.00098	0.00005	0.00026	0.00031	—	3.35380	3.35380	0.00007	0.00051	0.00412	3.51167
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00042	0.00038	0.00047	0.00555	0.00000	0.00000	0.00117	0.00117	0.00000	0.00027	0.00027	—	1.07130	1.07130	0.00005	0.00004	0.00182	1.08643
Vendor	0.00003	0.00001	0.00070	0.00021	< 0.000005	0.00001	0.00017	0.00018	0.00001	0.00005	0.00006	—	0.55526	0.55526	0.00001	0.00008	0.00068	0.58140
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	—	1.36555	1.25631	—	1.25631	—	5,295.34	5,295.34	0.21480	0.04296	—	5,313.52
Dust From Material Movement	—	—	—	—	—	—	7.66623	7.66623	—	3.93995	3.93995	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10793	0.09069	0.86687	0.82673	0.00134	0.03741	—	0.03741	0.03442	—	0.03442	—	145.078	145.078	0.00588	0.00118	—	145.576

Dust From Material Movement	—	—	—	—	—	—	0.21003	0.21003	—	0.10794	0.10794	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01970	0.01655	0.15820	0.15088	0.00024	0.00683	—	0.00683	0.00628	—	0.00628	—	24.0193	24.0193	0.00097	0.00019	—	24.1017
Dust From Material Movement	—	—	—	—	—	—	0.03833	0.03833	—	0.01970	0.01970	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08512	0.07579	0.08691	1.05041	0.00000	0.00000	0.23528	0.23528	0.00000	0.05515	0.05515	—	233.214	233.214	0.01091	0.00893	0.02415	236.172
Vendor	0.00534	0.00249	0.14067	0.04291	0.00090	0.00180	0.03422	0.03602	0.00180	0.00946	0.01125	—	122.463	122.463	0.00268	0.01861	0.00902	128.084
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00231	0.00205	0.00258	0.03042	0.00000	0.00000	0.00639	0.00639	0.00000	0.00150	0.00150	—	6.47074	6.47074	0.00030	0.00024	0.01102	6.56213
Vendor	0.00015	0.00007	0.00385	0.00116	0.00002	0.00005	0.00093	0.00098	0.00005	0.00026	0.00031	—	3.35380	3.35380	0.00007	0.00051	0.00412	3.51167

Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00042	0.00038	0.00047	0.00555	0.00000	0.00000	0.00117	0.00117	0.00000	0.00027	0.00027	—	1.07130	1.07130	0.00005	0.00004	0.00182	1.08643
Vendor	0.00003	0.00001	0.00070	0.00021	< 0.000005	0.00001	0.00017	0.00018	0.00001	0.00005	0.00006	—	0.55526	0.55526	0.00001	0.00008	0.00068	0.58140
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Grading (2025)

3.2.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07412	1.74283	16.2737	17.9144	0.02732	0.72197	—	0.72197	0.66421	—	0.66421	—	2,959.35	2,959.35	0.12004	0.02401	—	2,969.50
Dust From Material Movement	—	—	—	—	—	—	2.76902	2.76902	—	1.33668	1.33668	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11365	0.09550	0.89171	0.98161	0.00150	0.03956	—	0.03956	0.03640	—	0.03640	—	162.156	162.156	0.00658	0.00132	—	162.712

Dust From Material Movement	—	—	—	—	—	—	0.15173	0.15173	—	0.07324	0.07324	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02074	0.01743	0.16274	0.17914	0.00027	0.00722	—	0.00722	0.00664	—	0.00664	—	26.8468	26.8468	0.00109	0.00022	—	26.9389
Dust From Material Movement	—	—	—	—	—	—	0.02769	0.02769	—	0.01337	0.01337	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07566	0.06737	0.07725	0.93370	0.00000	0.00000	0.20914	0.20914	0.00000	0.04902	0.04902	—	207.301	207.301	0.00970	0.00794	0.02146	209.930
Vendor	0.00534	0.00249	0.14067	0.04291	0.00090	0.00180	0.03422	0.03602	0.00180	0.00946	0.01125	—	122.463	122.463	0.00268	0.01861	0.00902	128.084
Hauling	0.13999	0.05181	3.99367	0.94909	0.02315	0.06614	0.90495	0.97109	0.06614	0.25380	0.31993	—	3,447.50	3,447.50	0.06393	0.54234	0.19042	3,610.91
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00411	0.00365	0.00459	0.05408	0.00000	0.00000	0.01135	0.01135	0.00000	0.00266	0.00266	—	11.5035	11.5035	0.00053	0.00043	0.01958	11.6660
Vendor	0.00030	0.00015	0.00770	0.00232	0.00005	0.00010	0.00186	0.00196	0.00010	0.00051	0.00061	—	6.70759	6.70759	0.00015	0.00102	0.00825	7.02334

Hauling	0.00779	0.00296	0.22119	0.05152	0.00127	0.00362	0.04923	0.05286	0.00362	0.01382	0.01744	—	188.846	188.846	0.00350	0.02972	0.17275	197.962
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00075	0.00067	0.00084	0.00987	0.00000	0.00000	0.00207	0.00207	0.00000	0.00049	0.00049	—	1.90454	1.90454	0.00009	0.00007	0.00324	1.93144
Vendor	0.00005	0.00003	0.00141	0.00042	0.00001	0.00002	0.00034	0.00036	0.00002	0.00009	0.00011	—	1.11052	1.11052	0.00002	0.00017	0.00137	1.16279
Hauling	0.00142	0.00054	0.04037	0.00940	0.00023	0.00066	0.00899	0.00965	0.00066	0.00252	0.00318	—	31.2656	31.2656	0.00058	0.00492	0.02860	32.7748

3.2.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07412	1.74283	16.2737	17.9144	0.02732	0.72197	—	0.72197	0.66421	—	0.66421	—	2,959.35	2,959.35	0.12004	0.02401	—	2,969.50
Dust From Material Movement	—	—	—	—	—	—	2.76902	2.76902	—	1.33668	1.33668	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11365	0.09550	0.89171	0.98161	0.00150	0.03956	—	0.03956	0.03640	—	0.03640	—	162.156	162.156	0.00658	0.00132	—	162.712
Dust From Material Movement	—	—	—	—	—	—	0.15173	0.15173	—	0.07324	0.07324	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02074	0.01743	0.16274	0.17914	0.00027	0.00722	—	0.00722	0.00664	—	0.00664	—	26.8468	26.8468	0.00109	0.00022	—	26.9389
Dust From Material Movement	—	—	—	—	—	—	0.02769	0.02769	—	0.01337	0.01337	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07566	0.06737	0.07725	0.93370	0.00000	0.00000	0.20914	0.20914	0.00000	0.04902	0.04902	—	207.301	207.301	0.00970	0.00794	0.02146	209.930
Vendor	0.00534	0.00249	0.14067	0.04291	0.00090	0.00180	0.03422	0.03602	0.00180	0.00946	0.01125	—	122.463	122.463	0.00268	0.01861	0.00902	128.084
Hauling	0.13999	0.05181	3.99367	0.94909	0.02315	0.06614	0.90495	0.97109	0.06614	0.25380	0.31993	—	3,447.50	3,447.50	0.06393	0.54234	0.19042	3,610.91
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00411	0.00365	0.00459	0.05408	0.00000	0.00000	0.01135	0.01135	0.00000	0.00266	0.00266	—	11.5035	11.5035	0.00053	0.00043	0.01958	11.6660
Vendor	0.00030	0.00015	0.00770	0.00232	0.00005	0.00010	0.00186	0.00196	0.00010	0.00051	0.00061	—	6.70759	6.70759	0.00015	0.00102	0.00825	7.02334
Hauling	0.00779	0.00296	0.22119	0.05152	0.00127	0.00362	0.04923	0.05286	0.00362	0.01382	0.01744	—	188.846	188.846	0.00350	0.02972	0.17275	197.962
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00075	0.00067	0.00084	0.00987	0.00000	0.00000	0.00207	0.00207	0.00000	0.00049	0.00049	—	1.90454	1.90454	0.00009	0.00007	0.00324	1.93144

Vendor	0.00005	0.00003	0.00141	0.00042	0.00001	0.00002	0.00034	0.00036	0.00002	0.00009	0.00011	—	1.11052	1.11052	0.00002	0.00017	0.00137	1.16279
Hauling	0.00142	0.00054	0.04037	0.00940	0.00023	0.00066	0.00899	0.00965	0.00066	0.00252	0.00318	—	31.2656	31.2656	0.00058	0.00492	0.02860	32.7748

3.3. Building Construction (2025)

3.3.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22682	1.02783	9.65001	12.5158	0.02195	0.39953	—	0.39953	0.36757	—	0.36757	—	2,293.84	2,293.84	0.09305	0.01861	—	2,301.71
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22682	1.02783	9.65001	12.5158	0.02195	0.39953	—	0.39953	0.36757	—	0.36757	—	2,293.84	2,293.84	0.09305	0.01861	—	2,301.71
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76346	0.63963	6.00529	7.78869	0.01366	0.24863	—	0.24863	0.22874	—	0.22874	—	1,427.48	1,427.48	0.05790	0.01158	—	1,432.37
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.13933	0.11673	1.09597	1.42144	0.00249	0.04538	—	0.04538	0.04175	—	0.04175	—	236.335	236.335	0.00959	0.00192	—	237.146
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18290	0.15216	0.14879	2.62575	0.00000	0.00000	0.44441	0.44441	0.00000	0.10417	0.10417	—	479.189	479.189	0.01986	0.01687	1.76090	486.472
Vendor	0.01932	0.00932	0.47013	0.14618	0.00315	0.00630	0.11978	0.12608	0.00630	0.03309	0.03939	—	428.321	428.321	0.00938	0.06512	1.21552	449.178
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16078	0.14317	0.16416	1.98412	0.00000	0.00000	0.44441	0.44441	0.00000	0.10417	0.10417	—	440.515	440.515	0.02061	0.01687	0.04561	446.102
Vendor	0.01870	0.00870	0.49235	0.15019	0.00315	0.00630	0.11978	0.12608	0.00630	0.03309	0.03939	—	428.621	428.621	0.00938	0.06512	0.03156	448.294
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09912	0.08816	0.11079	1.30517	0.00000	0.00000	0.27404	0.27404	0.00000	0.06420	0.06420	—	277.625	277.625	0.01283	0.01050	0.47264	281.546
Vendor	0.01183	0.00580	0.30605	0.09212	0.00196	0.00392	0.07397	0.07789	0.00392	0.02045	0.02437	—	266.627	266.627	0.00584	0.04053	0.32779	279.178
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01809	0.01609	0.02022	0.23819	0.00000	0.00000	0.05001	0.05001	0.00000	0.01172	0.01172	—	45.9641	45.9641	0.00212	0.00174	0.07825	46.6132
Vendor	0.00216	0.00106	0.05585	0.01681	0.00036	0.00072	0.01350	0.01421	0.00072	0.00373	0.00445	—	44.1431	44.1431	0.00097	0.00671	0.05427	46.2211
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22682	1.02783	9.65001	12.5158	0.02195	0.39953	—	0.39953	0.36757	—	0.36757	—	2,293.84	2,293.84	0.09305	0.01861	—	2,301.71
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.22682	1.02783	9.65001	12.5158	0.02195	0.39953	—	0.39953	0.36757	—	0.36757	—	2,293.84	2,293.84	0.09305	0.01861	—	2,301.71
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.76346	0.63963	6.00529	7.78869	0.01366	0.24863	—	0.24863	0.22874	—	0.22874	—	1,427.48	1,427.48	0.05790	0.01158	—	1,432.37
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.13933	0.11673	1.09597	1.42144	0.00249	0.04538	—	0.04538	0.04175	—	0.04175	—	236.335	236.335	0.00959	0.00192	—	237.146
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.18290	0.15216	0.14879	2.62575	0.00000	0.00000	0.44441	0.44441	0.00000	0.10417	0.10417	—	479.189	479.189	0.01986	0.01687	1.76090	486.472
Vendor	0.01932	0.00932	0.47013	0.14618	0.00315	0.00630	0.11978	0.12608	0.00630	0.03309	0.03939	—	428.321	428.321	0.00938	0.06512	1.21552	449.178
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16078	0.14317	0.16416	1.98412	0.00000	0.00000	0.44441	0.44441	0.00000	0.10417	0.10417	—	440.515	440.515	0.02061	0.01687	0.04561	446.102
Vendor	0.01870	0.00870	0.49235	0.15019	0.00315	0.00630	0.11978	0.12608	0.00630	0.03309	0.03939	—	428.621	428.621	0.00938	0.06512	0.03156	448.294
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09912	0.08816	0.11079	1.30517	0.00000	0.00000	0.27404	0.27404	0.00000	0.06420	0.06420	—	277.625	277.625	0.01283	0.01050	0.47264	281.546
Vendor	0.01183	0.00580	0.30605	0.09212	0.00196	0.00392	0.07397	0.07789	0.00392	0.02045	0.02437	—	266.627	266.627	0.00584	0.04053	0.32779	279.178
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01809	0.01609	0.02022	0.23819	0.00000	0.00000	0.05001	0.05001	0.00000	0.01172	0.01172	—	45.9641	45.9641	0.00212	0.00174	0.07825	46.6132
Vendor	0.00216	0.00106	0.05585	0.01681	0.00036	0.00072	0.01350	0.01421	0.00072	0.00373	0.00445	—	44.1431	44.1431	0.00097	0.00671	0.05427	46.2211
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Building Construction (2026)

3.4.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16066	0.97244	9.06393	12.4439	0.02195	0.34684	—	0.34684	0.31909	—	0.31909	—	2,293.40	2,293.40	0.09303	0.01861	—	2,301.27
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00454	0.00381	0.03548	0.04870	0.00009	0.00136	—	0.00136	0.00125	—	0.00125	—	8.97611	8.97611	0.00036	0.00007	—	9.00691
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00083	0.00069	0.00647	0.00889	0.00002	0.00025	—	0.00025	0.00023	—	0.00023	—	1.48610	1.48610	0.00006	0.00001	—	1.49120
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15254	0.13567	0.14879	1.85144	0.00000	0.00000	0.44441	0.44441	0.00000	0.10417	0.10417	—	431.163	431.163	0.00675	0.01687	0.04125	436.399
Vendor	0.01870	0.00840	0.46939	0.14327	0.00315	0.00630	0.11978	0.12608	0.00630	0.03309	0.03939	—	421.735	421.735	0.00938	0.06512	0.02985	441.406
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00059	0.00053	0.00064	0.00758	0.00000	0.00000	0.00172	0.00172	0.00000	0.00040	0.00040	—	1.70893	1.70893	0.00003	0.00007	0.00269	1.73194
Vendor	0.00007	0.00003	0.00185	0.00055	0.00001	0.00002	0.00047	0.00049	0.00002	0.00013	0.00015	—	1.64993	1.64993	0.00004	0.00025	0.00194	1.72874
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00011	0.00010	0.00012	0.00138	0.00000	0.00000	0.00031	0.00031	0.00000	0.00007	0.00007	—	0.28293	0.28293	< 0.000005	0.00001	0.00044	0.28674
Vendor	0.00001	0.00001	0.00034	0.00010	< 0.000005	< 0.000005	0.00008	0.00009	< 0.000005	0.00002	0.00003	—	0.27316	0.27316	0.00001	0.00004	0.00032	0.28621
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.16066	0.97244	9.06393	12.4439	0.02195	0.34684	—	0.34684	0.31909	—	0.31909	—	2,293.40	2,293.40	0.09303	0.01861	—	2,301.27
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00454	0.00381	0.03548	0.04870	0.00009	0.00136	—	0.00136	0.00125	—	0.00125	—	8.97611	8.97611	0.00036	0.00007	—	9.00691
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00083	0.00069	0.00647	0.00889	0.00002	0.00025	—	0.00025	0.00023	—	0.00023	—	1.48610	1.48610	0.00006	0.00001	—	1.49120
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15254	0.13567	0.14879	1.85144	0.00000	0.00000	0.44441	0.44441	0.00000	0.10417	0.10417	—	431.163	431.163	0.00675	0.01687	0.04125	436.399
Vendor	0.01870	0.00840	0.46939	0.14327	0.00315	0.00630	0.11978	0.12608	0.00630	0.03309	0.03939	—	421.735	421.735	0.00938	0.06512	0.02985	441.406
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00059	0.00053	0.00064	0.00758	0.00000	0.00000	0.00172	0.00172	0.00000	0.00040	0.00040	—	1.70893	1.70893	0.00003	0.00007	0.00269	1.73194
Vendor	0.00007	0.00003	0.00185	0.00055	0.00001	0.00002	0.00047	0.00049	0.00002	0.00013	0.00015	—	1.64993	1.64993	0.00004	0.00025	0.00194	1.72874
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00011	0.00010	0.00012	0.00138	0.00000	0.00000	0.00031	0.00031	0.00000	0.00007	0.00007	—	0.28293	0.28293	< 0.000005	0.00001	0.00044	0.28674
Vendor	0.00001	0.00001	0.00034	0.00010	< 0.000005	< 0.000005	0.00008	0.00009	< 0.000005	0.00002	0.00003	—	0.27316	0.27316	0.00001	0.00004	0.00032	0.28621
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2026)

3.5.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90546	0.76084	7.11822	9.93804	0.01395	0.31987	—	0.31987	0.29428	—	0.29428	—	1,510.59	1,510.59	0.06128	0.01226	—	1,515.78
Paving	0.50828	0.50828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04961	0.04169	0.39004	0.54455	0.00076	0.01753	—	0.01753	0.01612	—	0.01612	—	82.7721	82.7721	0.00336	0.00067	—	83.0562
Paving	0.02785	0.02785	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00905	0.00761	0.07118	0.09938	0.00014	0.00320	—	0.00320	0.00294	—	0.00294	—	13.7039	13.7039	0.00056	0.00011	—	13.7509
Paving	0.00508	0.00508	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07178	0.06385	0.07002	0.87127	0.00000	0.00000	0.20914	0.20914	0.00000	0.04902	0.04902	—	202.900	202.900	0.00317	0.00794	0.01941	205.364
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00391	0.00348	0.00419	0.04994	0.00000	0.00000	0.01135	0.01135	0.00000	0.00266	0.00266	—	11.2588	11.2588	0.00017	0.00043	0.01769	11.4104
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00071	0.00063	0.00077	0.00911	0.00000	0.00000	0.00207	0.00207	0.00000	0.00049	0.00049	—	1.86402	1.86402	0.00003	0.00007	0.00293	1.88913
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90546	0.76084	7.11822	9.93804	0.01395	0.31987	—	0.31987	0.29428	—	0.29428	—	1,510.59	1,510.59	0.06128	0.01226	—	1,515.78
Paving	0.50828	0.50828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04961	0.04169	0.39004	0.54455	0.00076	0.01753	—	0.01753	0.01612	—	0.01612	—	82.7721	82.7721	0.00336	0.00067	—	83.0562
Paving	0.02785	0.02785	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00905	0.00761	0.07118	0.09938	0.00014	0.00320	—	0.00320	0.00294	—	0.00294	—	13.7039	13.7039	0.00056	0.00011	—	13.7509
Paving	0.00508	0.00508	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07178	0.06385	0.07002	0.87127	0.00000	0.00000	0.20914	0.20914	0.00000	0.04902	0.04902	—	202.900	202.900	0.00317	0.00794	0.01941	205.364
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00391	0.00348	0.00419	0.04994	0.00000	0.00000	0.01135	0.01135	0.00000	0.00266	0.00266	—	11.2588	11.2588	0.00017	0.00043	0.01769	11.4104
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00071	0.00063	0.00077	0.00911	0.00000	0.00000	0.00207	0.00207	0.00000	0.00049	0.00049	—	1.86402	1.86402	0.00003	0.00007	0.00293	1.88913
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Architectural Coating (2026)

3.6.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14557	0.12031	0.85645	1.13283	0.00173	0.02315	—	0.02315	0.02130	—	0.02130	—	133.504	133.504	0.00542	0.00108	—	133.963
Architectural Coatings	42.4877	42.4877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00798	0.00659	0.04693	0.06207	0.00009	0.00127	—	0.00127	0.00117	—	0.00117	—	7.31531	7.31531	0.00030	0.00006	—	7.34042
Architectural Coatings	2.32809	2.32809	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00146	0.00120	0.00856	0.01133	0.00002	0.00023	—	0.00023	0.00021	—	0.00021	—	1.21113	1.21113	0.00005	0.00001	—	1.21529
Architectural Coatings	0.42488	0.42488	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03589	0.03192	0.03501	0.43563	0.00000	0.00000	0.10457	0.10457	0.00000	0.02451	0.02451	—	101.450	101.450	0.00159	0.00397	0.00970	102.682
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00196	0.00174	0.00210	0.02497	0.00000	0.00000	0.00568	0.00568	0.00000	0.00133	0.00133	—	5.62940	5.62940	0.00009	0.00022	0.00885	5.70522
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00036	0.00032	0.00038	0.00456	0.00000	0.00000	0.00104	0.00104	0.00000	0.00024	0.00024	—	0.93201	0.93201	0.00001	0.00004	0.00146	0.94456
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.3. Onsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Architectural Coatings	42.4877	42.4877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Architectural Coatings	2.32809	2.32809	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Architectural Coatings	0.42488	0.42488	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.4. Offsite - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.03589	0.03192	0.03501	0.43563	0.00000	0.00000	0.10457	0.10457	0.00000	0.02451	0.02451	—	101.450	101.450	0.00159	0.00397	0.00970	102.682
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00196	0.00174	0.00210	0.02497	0.00000	0.00000	0.00568	0.00568	0.00000	0.00133	0.00133	—	5.62940	5.62940	0.00009	0.00022	0.00885	5.70522
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00036	0.00032	0.00038	0.00456	0.00000	0.00000	0.00104	0.00104	0.00000	0.00024	0.00024	—	0.93201	0.93201	0.00001	0.00004	0.00146	0.94456
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.92574	0.85063	0.71737	14.2117	0.03994	0.01647	3.88221	3.89869	0.01517	0.97969	0.99485	—	4,040.44	4,040.44	0.07682	0.08053	13.1603	4,079.52

Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	0.52563	0.38074	8.61190	3.68586	0.07673	0.14010	3.29384	3.43394	0.13396	0.88299	1.01695	—	8,139.57	8,139.57	0.10967	1.09381	35.6465	8,503.92
User Defined Commercial	0.08607	0.05505	1.69801	0.58810	0.01509	0.02756	0.56012	0.58768	0.02636	0.15005	0.17641	—	1,611.31	1,611.31	0.02590	0.23240	5.51390	1,686.72
Total	1.53744	1.28642	11.0273	18.4857	0.13175	0.18414	7.73617	7.92032	0.17548	2.01273	2.18821	—	13,791.3	13,791.3	0.21239	1.40674	54.3207	14,270.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.88222	0.80706	0.79538	10.8858	0.03683	0.01647	3.88221	3.89869	0.01517	0.97969	0.99485	—	3,726.41	3,726.41	0.08127	0.08636	0.34117	3,754.52
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	0.51682	0.37274	8.99294	3.68116	0.07674	0.14020	3.29384	3.43405	0.13405	0.88299	1.01705	—	8,141.32	8,141.32	0.10942	1.09538	0.92486	8,471.40
User Defined Commercial	0.08425	0.05342	1.77336	0.59034	0.01510	0.02759	0.56012	0.58771	0.02638	0.15005	0.17643	—	1,611.81	1,611.81	0.02584	0.23263	0.14306	1,681.92
Total	1.48328	1.23321	11.5617	15.1573	0.12867	0.18427	7.73617	7.92044	0.17560	2.01273	2.18833	—	13,479.5	13,479.5	0.21653	1.41437	1.40909	13,907.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Manufac	0.16027	0.14648	0.14959	2.08755	0.00680	0.00301	0.70194	0.70495	0.00277	0.17715	0.17992	—	624.466	624.466	0.01349	0.01459	0.94078	630.093
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	0.09468	0.06834	1.66081	0.66943	0.01400	0.02558	0.59660	0.62218	0.02445	0.16002	0.18447	—	1,347.72	1,347.72	0.01813	0.18140	2.54837	1,404.78
User Defined Commercial	0.01550	0.00986	0.32688	0.10718	0.00275	0.00503	0.10146	0.10650	0.00481	0.02719	0.03201	—	266.805	266.805	0.00428	0.03852	0.39419	278.784
Total	0.27044	0.22468	2.13728	2.86417	0.02356	0.03362	1.40001	1.43362	0.03203	0.36436	0.39640	—	2,238.99	2,238.99	0.03591	0.23451	3.88334	2,313.65

4.1.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.92574	0.85063	0.71737	14.2117	0.03994	0.01647	3.88221	3.89869	0.01517	0.97969	0.99485	—	4,040.44	4,040.44	0.07682	0.08053	13.1603	4,079.52
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

User Defined Industrial	0.52563	0.38074	8.61190	3.68586	0.07673	0.14010	3.29384	3.43394	0.13396	0.88299	1.01695	—	8,139.57	8,139.57	0.10967	1.09381	35.6465	8,503.92
User Defined Commercial	0.08607	0.05505	1.69801	0.58810	0.01509	0.02756	0.56012	0.58768	0.02636	0.15005	0.17641	—	1,611.31	1,611.31	0.02590	0.23240	5.51390	1,686.72
Total	1.53744	1.28642	11.0273	18.4857	0.13175	0.18414	7.73617	7.92032	0.17548	2.01273	2.18821	—	13,791.3	13,791.3	0.21239	1.40674	54.3207	14,270.2
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.88222	0.80706	0.79538	10.8858	0.03683	0.01647	3.88221	3.89869	0.01517	0.97969	0.99485	—	3,726.41	3,726.41	0.08127	0.08636	0.34117	3,754.52
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	0.51682	0.37274	8.99294	3.68116	0.07674	0.14020	3.29384	3.43405	0.13405	0.88299	1.01705	—	8,141.32	8,141.32	0.10942	1.09538	0.92486	8,471.40
User Defined Commercial	0.08425	0.05342	1.77336	0.59034	0.01510	0.02759	0.56012	0.58771	0.02638	0.15005	0.17643	—	1,611.81	1,611.81	0.02584	0.23263	0.14306	1,681.92
Total	1.48328	1.23321	11.5617	15.1573	0.12867	0.18427	7.73617	7.92044	0.17560	2.01273	2.18833	—	13,479.5	13,479.5	0.21653	1.41437	1.40909	13,907.8
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.16027	0.14648	0.14959	2.08755	0.00680	0.00301	0.70194	0.70495	0.00277	0.17715	0.17992	—	624.466	624.466	0.01349	0.01459	0.94078	630.093
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	0.09468	0.06834	1.66081	0.66943	0.01400	0.02558	0.59660	0.62218	0.02445	0.16002	0.18447	—	1,347.72	1,347.72	0.01813	0.18140	2.54837	1,404.78
User Defined Commercial	0.01550	0.00986	0.32688	0.10718	0.00275	0.00503	0.10146	0.10650	0.00481	0.02719	0.03201	—	266.805	266.805	0.00428	0.03852	0.39419	278.784
Total	0.27044	0.22468	2.13728	2.86417	0.02356	0.03362	1.40001	1.43362	0.03203	0.36436	0.39640	—	2,238.99	2,238.99	0.03591	0.23451	3.88334	2,313.65

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	739.702	739.702	0.07051	0.00855	—	744.011
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.7074	42.7074	0.00407	0.00049	—	42.9562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
undefined	—	—	—	—	—	—	—	—	—	—	—	—	512.186	512.186	0.04882	0.00592	—	515.170
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,294.60	1,294.60	0.12340	0.01496	—	1,302.14
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	739.702	739.702	0.07051	0.00855	—	744.011
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.7074	42.7074	0.00407	0.00049	—	42.9562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
undefined	—	—	—	—	—	—	—	—	—	—	—	—	512.186	512.186	0.04882	0.00592	—	515.170
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,294.60	1,294.60	0.12340	0.01496	—	1,302.14
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	122.466	122.466	0.01167	0.00141	—	123.180
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	7.07070	7.07070	0.00067	0.00008	—	7.11189
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
undefined	—	—	—	—	—	—	—	—	—	—	—	—	60.4043	60.4043	0.00576	0.00070	—	60.7562
Total	—	—	—	—	—	—	—	—	—	—	—	—	189.941	189.941	0.01811	0.00219	—	191.048

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	739.702	739.702	0.07051	0.00855	—	744.011
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.7074	42.7074	0.00407	0.00049	—	42.9562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

undefine	—	—	—	—	—	—	—	—	—	—	—	—	512.186	512.186	0.04882	0.00592	—	515.170
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,294.60	1,294.60	0.12340	0.01496	—	1,302.14
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	739.702	739.702	0.07051	0.00855	—	744.011
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.7074	42.7074	0.00407	0.00049	—	42.9562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
undefined	—	—	—	—	—	—	—	—	—	—	—	—	512.186	512.186	0.04882	0.00592	—	515.170
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,294.60	1,294.60	0.12340	0.01496	—	1,302.14
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	122.466	122.466	0.01167	0.00141	—	123.180
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	7.07070	7.07070	0.00067	0.00008	—	7.11189
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
undefined	—	—	—	—	—	—	—	—	—	—	—	—	60.4043	60.4043	0.00576	0.00070	—	60.7562
Total	—	—	—	—	—	—	—	—	—	—	—	—	189.941	189.941	0.01811	0.00219	—	191.048

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	185.734	185.734	0.01644	0.00035	—	186.249
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Total	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	185.734	185.734	0.01644	0.00035	—	186.249

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	185.734	185.734	0.01644	0.00035	—	186.249
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	185.734	185.734	0.01644	0.00035	—	186.249

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.77069	1.77069	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.23281	0.23281	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.63049	0.58184	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Total	2.63398	2.58534	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.77069	1.77069	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.23281	0.23281	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	2.00349	2.00349	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.32315	0.32315	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural Coating	0.04249	0.04249	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07881	0.07273	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885
Total	0.44445	0.43837	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885

4.3.2. Mitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.77069	1.77069	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.23281	0.23281	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.63049	0.58184	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Total	2.63398	2.58534	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.77069	1.77069	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architectural	0.23281	0.23281	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	2.00349	2.00349	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.32315	0.32315	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.04249	0.04249	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07881	0.07273	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885
Total	0.44445	0.43837	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	36.1151	125.451	161.567	3.71514	0.08944	—	281.097
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	14.0188	14.0188	0.00134	0.00016	—	14.1005
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	36.1151	125.451	161.567	3.71514	0.08944	—	281.097
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	14.0188	14.0188	0.00134	0.00016	—	14.1005
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	5.97926	20.7699	26.7492	0.61508	0.01481	—	46.5388
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	2.32097	2.32097	0.00022	0.00003	—	2.33449
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	5.97926	23.0909	29.0702	0.61531	0.01483	—	48.8733

4.4.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	36.1151	125.451	161.567	3.71514	0.08944	—	281.097
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	14.0188	14.0188	0.00134	0.00016	—	14.1005
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	36.1151	125.451	161.567	3.71514	0.08944	—	281.097
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	14.0188	14.0188	0.00134	0.00016	—	14.1005
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.198
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	5.97926	20.7699	26.7492	0.61508	0.01481	—	46.5388
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	2.32097	2.32097	0.00022	0.00003	—	2.33449

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	5.97926	23.0909	29.0702	0.61531	0.01483	—	48.8733

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Total	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486

4.5.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235

4.6.2. Mitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Manufac	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Excavators	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Excavators	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Excavators	0.02935	0.02466	0.21372	0.26478	0.00034	0.00619	—	0.00619	0.00569	—	0.00569	—	33.4072	33.4072	0.00136	0.00027	—	33.5218

Total	0.02935	0.02466	0.21372	0.26478	0.00034	0.00619	—	0.00619	0.00569	—	0.00569	—	33.4072	33.4072	0.00136	0.00027	—	33.5218

4.7.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Excavators	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Excavators	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Excavators	0.02935	0.02466	0.21372	0.26478	0.00034	0.00619	—	0.00619	0.00569	—	0.00569	—	33.4072	33.4072	0.00136	0.00027	—	33.5218
Total	0.02935	0.02466	0.21372	0.26478	0.00034	0.00619	—	0.00619	0.00569	—	0.00569	—	33.4072	33.4072	0.00136	0.00027	—	33.5218

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)

Equipm Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

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

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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
Site Preparation	Site Preparation	1/6/2025	1/17/2025	5.00000	10.00000	—
Grading	Grading	1/20/2025	2/14/2025	5.00000	20.0000	—
Building Construction	Building Construction	2/17/2025	1/2/2026	5.00000	230.000	—
Paving	Paving	1/5/2026	1/30/2026	5.00000	20.0000	—
Architectural Coating	Architectural Coating	2/2/2026	2/27/2026	5.00000	20.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Excavators	Diesel	Average	1.000000	8.00000	36.0000	0.38000

Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	8.00000	84.0000	0.37000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Building Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Electric	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Building Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	7.00000	84.0000	0.37000
Paving	Pavers	Diesel	Average	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Excavators	Diesel	Average	1.000000	8.00000	36.0000	0.38000
Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	8.00000	84.0000	0.37000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Building Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Electric	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Building Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	7.00000	84.0000	0.37000

Paving	Pavers	Diesel	Average	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Electric	Average	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	Worker	18.0000	18.5000	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00000	10.2000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	0.00000	—	HHDT
Grading	Worker	16.0000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	4.00000	10.2000	HHDT,MHDT
Grading	Hauling	50.0000	20.0000	HHDT
Grading	Onsite truck	0.00000	—	HHDT
Building Construction	Worker	34.0000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	14.0000	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Paving	Worker	16.0000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	0.00000	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	8.00000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT

Architectural Coating	Onsite truck	0.00000	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	Worker	18.0000	18.5000	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00000	10.2000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	0.00000	—	HHDT
Grading	Worker	16.0000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	4.00000	10.2000	HHDT,MHDT
Grading	Hauling	50.0000	20.0000	HHDT
Grading	Onsite truck	0.00000	—	HHDT
Building Construction	Worker	34.0000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	14.0000	10.2000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT
Building Construction	Onsite truck	0.00000	—	HHDT
Paving	Worker	16.0000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	0.00000	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	8.00000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	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	0.00000	0.00000	122,250	40,750.0	20,281.5

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 (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00000	0.00000	15.0000	0.00000	0.00000
Grading	0.00000	7,825.00	20.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	7.76000

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Manufacturing	0.00000	0%
Paving	Parking Lot	1.18000	100%
Paving	Other Asphalt Surfaces	2.70000	100%
Paving	Manufacturing	0.00000	0%
Paving	Other Non-Asphalt Surfaces	3.88000	0%
Paving	User Defined Industrial	0.00000	0%
Paving	User Defined Commercial	0.00000	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	61.8036	348.637	0.03300	0.00400
2026	61.8036	346.196	0.03300	0.00400

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Manufacturing	104.145	104.145	104.145	38,012.9	1,698.63	1,698.63	1,698.63	619,998
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Manufacturing	237.600	237.600	237.600	86,724.0	3,875.30	3,875.30	3,875.30	1,414,485
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	144.000	144.000	144.000	52,560.0	3,844.80	3,844.80	3,844.80	1,403,352
User Defined Commercial	26.0000	26.0000	26.0000	9,490.00	645.320	645.320	645.320	235,542

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Manufacturing	104.145	104.145	104.145	38,012.9	1,698.63	1,698.63	1,698.63	619,998
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Manufacturing	237.600	237.600	237.600	86,724.0	3,875.30	3,875.30	3,875.30	1,414,485

Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	144.000	144.000	144.000	52,560.0	3,844.80	3,844.80	3,844.80	1,403,352
User Defined Commercial	26.0000	26.0000	26.0000	9,490.00	645.320	645.320	645.320	235,542

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Manufacturing	Wood Fireplaces	0	0
Manufacturing	Gas Fireplaces	0	0
Manufacturing	Propane Fireplaces	0	0
Manufacturing	Electric Fireplaces	0	0
Manufacturing	No Fireplaces	0	0
Manufacturing	Conventional Wood Stoves	0	0
Manufacturing	Catalytic Wood Stoves	0	0
Manufacturing	Non-Catalytic Wood Stoves	0	0
Manufacturing	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0
Parking Lot	Catalytic Wood Stoves	0	0
Parking Lot	Non-Catalytic Wood Stoves	0	0
Parking Lot	Pellet Wood Stoves	0	0

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

User Defined Industrial	Gas Fireplaces	0	0
User Defined Industrial	Propane Fireplaces	0	0
User Defined Industrial	Electric Fireplaces	0	0
User Defined Industrial	No Fireplaces	0	0
User Defined Industrial	Conventional Wood Stoves	0	0
User Defined Industrial	Catalytic Wood Stoves	0	0
User Defined Industrial	Non-Catalytic Wood Stoves	0	0
User Defined Industrial	Pellet Wood Stoves	0	0
User Defined Commercial	Wood Fireplaces	0	0
User Defined Commercial	Gas Fireplaces	0	0
User Defined Commercial	Propane Fireplaces	0	0
User Defined Commercial	Electric Fireplaces	0	0
User Defined Commercial	No Fireplaces	0	0
User Defined Commercial	Conventional Wood Stoves	0	0
User Defined Commercial	Catalytic Wood Stoves	0	0
User Defined Commercial	Non-Catalytic Wood Stoves	0	0
User Defined Commercial	Pellet Wood Stoves	0	0

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0.00000	0.00000	122,250	40,750.0	20,281.5

5.10.3. Landscape Equipment

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

5.10.4. Landscape Equipment - Mitigated

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Manufacturing	253,580	346.196	0.0330	0.0040	1,138,184
Parking Lot	45,027.1	346.196	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
Manufacturing	526,299	346.196	0.0330	0.0040	2,362,268
Other Non-Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
User Defined Industrial	0.00000	346.196	0.0330	0.0040	0.00000
User Defined Commercial	0.00000	346.196	0.0330	0.0040	0.00000

5.11.2. Mitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Manufacturing	253,580	346.196	0.0330	0.0040	1,138,184
Parking Lot	45,027.1	346.196	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
Manufacturing	526,299	346.196	0.0330	0.0040	2,362,268
Other Non-Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
User Defined Industrial	0.00000	346.196	0.0330	0.0040	0.00000

User Defined Commercial	0.00000	346.196	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Manufacturing	6,128,125	373,925
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Manufacturing	12,718,750	373,925
Other Non-Asphalt Surfaces	0.00000	2,785,167
User Defined Industrial	0.00000	0.00000
User Defined Commercial	0.00000	0.00000

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Manufacturing	6,128,125	373,925
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Manufacturing	12,718,750	373,925
Other Non-Asphalt Surfaces	0.00000	2,785,167
User Defined Industrial	0.00000	0.00000
User Defined Commercial	0.00000	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

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

Manufacturing	32.8600	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Manufacturing	68.2000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000
User Defined Industrial	0.00000	0.00000
User Defined Commercial	0.00000	0.00000

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Manufacturing	32.8600	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Manufacturing	68.2000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000
User Defined Industrial	0.00000	0.00000
User Defined Commercial	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000

5.14.2. Mitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000

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
Forklifts	Electric	Average	4.00000	8.00000	70.0000	0.30000
Forklifts	Electric	Average	2.00000	8.00000	82.0000	0.20000
Excavators	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Forklifts	Electric	Average	2.00000	8.00000	82.0000	0.20000
Forklifts	Electric	Average	6.00000	8.00000	82.0000	0.20000

5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Forklifts	Electric	Average	4.00000	8.00000	70.0000	0.30000
Forklifts	Electric	Average	2.00000	8.00000	82.0000	0.20000
Excavators	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Forklifts	Electric	Average	2.00000	8.00000	82.0000	0.20000
Forklifts	Electric	Average	6.00000	8.00000	82.0000	0.20000

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

5.18.2.2. Mitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	26.2000	annual days of extreme heat
Extreme Precipitation	3.55000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	3.43000	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	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006

AQ-PM	92.6322
AQ-DPM	69.0604
Drinking Water	94.8920
Lead Risk Housing	85.0032
Pesticides	0.00000
Toxic Releases	87.8845
Traffic	64.6500
Effect Indicators	—
CleanUp Sites	89.6603
Groundwater	22.1152
Haz Waste Facilities/Generators	97.2469
Impaired Water Bodies	12.4528
Solid Waste	94.5704
Sensitive Population	—
Asthma	61.7896
Cardio-vascular	72.3081
Low Birth Weights	54.6189
Socioeconomic Factor Indicators	—
Education	88.9775
Housing	47.6172
Linguistic	72.2561
Poverty	60.0126
Unemployment	73.4123

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	22.4560503
Employed	40.16424997
Median HI	44.70678814
Education	—
Bachelor's or higher	24.38085461
High school enrollment	100
Preschool enrollment	36.10932888
Transportation	—
Auto Access	54.54895419
Active commuting	28.89772873
Social	—
2-parent households	62.96676505
Voting	11.36917747
Neighborhood	—
Alcohol availability	63.53137431
Park access	12.48556397
Retail density	18.10599256
Supermarket access	12.57538817
Tree canopy	6.249197998
Housing	—
Homeownership	62.73578853
Housing habitability	38.79122289
Low-inc homeowner severe housing cost burden	35.30091107
Low-inc renter severe housing cost burden	50.46836905
Uncrowded housing	10.22712691
Health Outcomes	—
Insured adults	18.72192994
Arthritis	0.0

Asthma ER Admissions	38.0
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	7.3
Cognitively Disabled	21.0
Physically Disabled	29.8
Heart Attack ER Admissions	11.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	85.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	1.6
SLR Inundation Area	0.0
Children	20.9
Elderly	87.4
English Speaking	16.1
Foreign-born	65.9

Outdoor Workers	12.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.8
Traffic Density	80.3
Traffic Access	23.0
Other Indices	—
Hardship	79.8
Other Decision Support	—
2016 Voting	16.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	95.0000
Healthy Places Index Score for Project Location (b)	25.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Based on Project Description
Construction: Construction Phases	Estimated Schedule
Construction: Off-Road Equipment	MM for air compressors to be electric.
Construction: Trips and VMT	Even numbered of trips for workers/vendor/haul trips. Added vendor trips to site prep/grading for dust control - water trucks.
Operations: Vehicle Data	Based on traffic trip generation study. Trip length based on project-specifics, EMFAC averages, SCAQMD truck trip lengths.
Operations: Fleet Mix	Based on adjusted fleet mix for the project to reflect both the passenger vehicles and the trucks as calculated by the Transportation Analysis. Passenger mix %= LDA - 55.2918, LDT1-4.237, LDT2-22.831, MDV - 17.6393 = Total = 100% Tire Facility Trucks %= LHD1- 33.21,LHD2-15.09, MHD-22.4, HHD-29.3% = 100% Manufacturing Trucks % = LHD1-22.48, LHD2-1022, MHD-17.9, HHD-49.4 = 100%
Operations: Off-Road Equipment	Tire Recycling Facility - Offroad equipment per applicant rep - 4 CNG forklifts, 2 excavator diesels, 2 diesel forklifts. Manufacturing - added offroad equipment to manufacturing use per SCAQMD Business Survey. http://www.aqmd.gov/docs/default-source/ceqa/handbook/high-cube-warehouse-trip-rate-study-for-a - total with worst-case "warehouse" assumption would be 6 forklifts diesel

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	0.60836	0.76000
Landscape Area	sq. ft	—	23,583.0
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	1.17900	1.18000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	1.26263	1.18000
Landscape Area	sq. ft	—	23,583.0
Special Landscape Area	sq. ft	—	0.00000

Lot Area	acre	3.88200	3.88000
Landscape Area	sq. ft	—	175,657
Special Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Site Preparation	Site Preparation	Start Date	2/4/2025	1/6/2025
Site Preparation	Site Preparation	End Date	2/18/2025	1/17/2025
Grading	Grading	Start Date	2/19/2025	1/20/2025
Grading	Grading	End Date	3/19/2025	2/14/2025
Building Construction	Building Construction	Start Date	3/20/2025	2/17/2025
Building Construction	Building Construction	End Date	2/5/2026	1/2/2026
Paving	Paving	Start Date	2/6/2026	1/5/2026
Paving	Paving	End Date	3/6/2026	1/30/2026
Architectural Coating	Architectural Coating	Start Date	3/7/2026	2/2/2026
Architectural Coating	Architectural Coating	End Date	4/4/2026	2/27/2026

8.4.2. Off-Road Equipment

Phase Name	Equipment Type	Model Parameter	Default Value	New Value
Building Construction	Generator Sets	Fuel Type	Diesel	Electric

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Site Preparation	Worker	One-Way Trips per Day	17.5000	18.0000
Grading	Worker	One-Way Trips per Day	15.0000	16.0000

Grading	Hauling	One-Way Trips per Day	48.9500	50.0000
Building Construction	Worker	One-Way Trips per Day	34.2300	34.0000
Building Construction	Vendor	One-Way Trips per Day	13.3578	14.0000
Paving	Worker	One-Way Trips per Day	15.0000	16.0000
Architectural Coating	Worker	One-Way Trips per Day	6.84600	8.00000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Manufacturing	Weekday Trip Rate	size/day	3.93000	3.93000
Manufacturing	Saturday Trip Rate	size/day	6.42000	3.93000
Manufacturing	Sunday Trip Rate	size/day	5.09000	3.93000
Manufacturing	Weekday Trip Rate	size/day	3.93000	4.32000
Manufacturing	Saturday Trip Rate	size/day	6.42000	4.32000
Manufacturing	Sunday Trip Rate	size/day	5.09000	4.32000
User Defined Industrial	Weekday Trip Rate	size/day	0.00000	144.000
User Defined Industrial	Saturday Trip Rate	size/day	0.00000	144.000
User Defined Industrial	Sunday Trip Rate	size/day	0.00000	144.000
User Defined Industrial	Non-Res H-W Trip Length	miles	23.2124	26.7000
User Defined Industrial	Non-Res W-O Trip Length	miles	9.92483	26.7000
User Defined Industrial	Non-Res O-O Trip Length	miles	7.52221	26.7000
User Defined Commercial	Weekday Trip Rate	size/day	0.00000	26.0000
User Defined Commercial	Saturday Trip Rate	size/day	0.00000	26.0000
User Defined Commercial	Sunday Trip Rate	size/day	0.00000	26.0000
User Defined Commercial	Non-Res H-W Trip Length	miles	23.2124	24.8200
User Defined Commercial	Non-Res W-O Trip Length	miles	9.92483	24.8200

User Defined Commercial	Non-Res O-O Trip Length	miles	7.52221	24.8200

8.5.1.2. Fleet Mix

Land Use	Season	Model Parameter	Units	Default Value	New Value
Manufacturing	A	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	A	Passenger Cars	%	50%	55%
Manufacturing	A	Light-Duty Trucks 1	%	4%	4%
Manufacturing	A	Light-Duty Trucks 2	%	20%	23%
Manufacturing	A	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	A	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	A	Motorcycles	%	2%	0%
Manufacturing	A	Medium-Duty Trucks	%	16%	18%
Manufacturing	A	Motor Homes	%	1%	0%
Manufacturing	A	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	A	Other Buses	%	< 0.5%	0%
Manufacturing	A	School Buses	%	< 0.5%	0%
Manufacturing	A	Urban Buses	%	< 0.5%	0%
Manufacturing	S	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	S	Passenger Cars	%	50%	55%
Manufacturing	S	Light-Duty Trucks 1	%	4%	4%
Manufacturing	S	Light-Duty Trucks 2	%	20%	23%
Manufacturing	S	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	S	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	S	Motorcycles	%	2%	0%
Manufacturing	S	Medium-Duty Trucks	%	16%	18%
Manufacturing	S	Motor Homes	%	1%	0%
Manufacturing	S	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	S	Other Buses	%	< 0.5%	0%

Manufacturing	S	School Buses	%	< 0.5%	0%
Manufacturing	S	Urban Buses	%	< 0.5%	0%
Manufacturing	W	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	W	Passenger Cars	%	50%	55%
Manufacturing	W	Light-Duty Trucks 1	%	4%	4%
Manufacturing	W	Light-Duty Trucks 2	%	20%	23%
Manufacturing	W	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	W	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	W	Motorcycles	%	2%	0%
Manufacturing	W	Medium-Duty Trucks	%	16%	18%
Manufacturing	W	Motor Homes	%	1%	0%
Manufacturing	W	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	W	Other Buses	%	< 0.5%	0%
Manufacturing	W	School Buses	%	< 0.5%	0%
Manufacturing	W	Urban Buses	%	< 0.5%	0%
Manufacturing	A	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	A	Passenger Cars	%	50%	55%
Manufacturing	A	Light-Duty Trucks 1	%	4%	4%
Manufacturing	A	Light-Duty Trucks 2	%	20%	23%
Manufacturing	A	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	A	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	A	Motorcycles	%	2%	0%
Manufacturing	A	Medium-Duty Trucks	%	16%	18%
Manufacturing	A	Motor Homes	%	1%	0%
Manufacturing	A	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	A	Other Buses	%	< 0.5%	0%
Manufacturing	A	School Buses	%	< 0.5%	0%
Manufacturing	A	Urban Buses	%	< 0.5%	0%

Manufacturing	S	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	S	Passenger Cars	%	50%	55%
Manufacturing	S	Light-Duty Trucks 1	%	4%	4%
Manufacturing	S	Light-Duty Trucks 2	%	20%	23%
Manufacturing	S	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	S	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	S	Motorcycles	%	2%	0%
Manufacturing	S	Medium-Duty Trucks	%	16%	18%
Manufacturing	S	Motor Homes	%	1%	0%
Manufacturing	S	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	S	Other Buses	%	< 0.5%	0%
Manufacturing	S	School Buses	%	< 0.5%	0%
Manufacturing	S	Urban Buses	%	< 0.5%	0%
Manufacturing	W	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	W	Passenger Cars	%	50%	55%
Manufacturing	W	Light-Duty Trucks 1	%	4%	4%
Manufacturing	W	Light-Duty Trucks 2	%	20%	23%
Manufacturing	W	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	W	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	W	Motorcycles	%	2%	0%
Manufacturing	W	Medium-Duty Trucks	%	16%	18%
Manufacturing	W	Motor Homes	%	1%	0%
Manufacturing	W	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	W	Other Buses	%	< 0.5%	0%
Manufacturing	W	School Buses	%	< 0.5%	0%
Manufacturing	W	Urban Buses	%	< 0.5%	0%
User Defined Industrial	A	Heavy-Heavy-Duty Trucks	%	2%	29%
User Defined Industrial	A	Passenger Cars	%	50%	0%

User Defined Industrial	A	Light-Duty Trucks 1	%	4%	0%
User Defined Industrial	A	Light-Duty Trucks 2	%	20%	0%
User Defined Industrial	A	Light Heavy-Duty Trucks 1	%	3%	33%
User Defined Industrial	A	Light Heavy-Duty Trucks 2	%	1%	15%
User Defined Industrial	A	Motorcycles	%	2%	0%
User Defined Industrial	A	Medium-Duty Trucks	%	16%	0%
User Defined Industrial	A	Motor Homes	%	1%	0%
User Defined Industrial	A	Medium-Heavy-Duty Trucks	%	1%	22%
User Defined Industrial	A	Other Buses	%	< 0.5%	0%
User Defined Industrial	A	School Buses	%	< 0.5%	0%
User Defined Industrial	A	Urban Buses	%	< 0.5%	0%
User Defined Industrial	S	Heavy-Heavy-Duty Trucks	%	2%	29%
User Defined Industrial	S	Passenger Cars	%	50%	0%
User Defined Industrial	S	Light-Duty Trucks 1	%	4%	0%
User Defined Industrial	S	Light-Duty Trucks 2	%	20%	0%
User Defined Industrial	S	Light Heavy-Duty Trucks 1	%	3%	33%
User Defined Industrial	S	Light Heavy-Duty Trucks 2	%	1%	15%
User Defined Industrial	S	Motorcycles	%	2%	0%
User Defined Industrial	S	Medium-Duty Trucks	%	16%	0%
User Defined Industrial	S	Motor Homes	%	1%	0%
User Defined Industrial	S	Medium-Heavy-Duty Trucks	%	1%	22%
User Defined Industrial	S	Other Buses	%	< 0.5%	0%
User Defined Industrial	S	School Buses	%	< 0.5%	0%
User Defined Industrial	S	Urban Buses	%	< 0.5%	0%
User Defined Industrial	W	Heavy-Heavy-Duty Trucks	%	2%	29%
User Defined Industrial	W	Passenger Cars	%	50%	0%
User Defined Industrial	W	Light-Duty Trucks 1	%	4%	0%
User Defined Industrial	W	Light-Duty Trucks 2	%	20%	0%

User Defined Industrial	W	Light Heavy-Duty Trucks 1	%	3%	33%
User Defined Industrial	W	Light Heavy-Duty Trucks 2	%	1%	15%
User Defined Industrial	W	Motorcycles	%	2%	0%
User Defined Industrial	W	Medium-Duty Trucks	%	16%	0%
User Defined Industrial	W	Motor Homes	%	1%	0%
User Defined Industrial	W	Medium-Heavy-Duty Trucks	%	1%	22%
User Defined Industrial	W	Other Buses	%	< 0.5%	0%
User Defined Industrial	W	School Buses	%	< 0.5%	0%
User Defined Industrial	W	Urban Buses	%	< 0.5%	0%
User Defined Commercial	A	Heavy-Heavy-Duty Trucks	%	2%	49%
User Defined Commercial	A	Passenger Cars	%	50%	0%
User Defined Commercial	A	Light-Duty Trucks 1	%	4%	0%
User Defined Commercial	A	Light-Duty Trucks 2	%	20%	0%
User Defined Commercial	A	Light Heavy-Duty Trucks 1	%	3%	22%
User Defined Commercial	A	Light Heavy-Duty Trucks 2	%	1%	10%
User Defined Commercial	A	Motorcycles	%	2%	0%
User Defined Commercial	A	Medium-Duty Trucks	%	16%	0%
User Defined Commercial	A	Motor Homes	%	1%	0%
User Defined Commercial	A	Medium-Heavy-Duty Trucks	%	1%	18%
User Defined Commercial	A	Other Buses	%	< 0.5%	0%
User Defined Commercial	A	School Buses	%	< 0.5%	0%
User Defined Commercial	A	Urban Buses	%	< 0.5%	0%
User Defined Commercial	S	Heavy-Heavy-Duty Trucks	%	2%	49%
User Defined Commercial	S	Passenger Cars	%	50%	0%
User Defined Commercial	S	Light-Duty Trucks 1	%	4%	0%
User Defined Commercial	S	Light-Duty Trucks 2	%	20%	0%
User Defined Commercial	S	Light Heavy-Duty Trucks 1	%	3%	22%
User Defined Commercial	S	Light Heavy-Duty Trucks 2	%	1%	10%

User Defined Commercial	S	Motorcycles	%	2%	0%
User Defined Commercial	S	Medium-Duty Trucks	%	16%	0%
User Defined Commercial	S	Motor Homes	%	1%	0%
User Defined Commercial	S	Medium-Heavy-Duty Trucks	%	1%	18%
User Defined Commercial	S	Other Buses	%	< 0.5%	0%
User Defined Commercial	S	School Buses	%	< 0.5%	0%
User Defined Commercial	S	Urban Buses	%	< 0.5%	0%
User Defined Commercial	W	Heavy-Heavy-Duty Trucks	%	2%	49%
User Defined Commercial	W	Passenger Cars	%	50%	0%
User Defined Commercial	W	Light-Duty Trucks 1	%	4%	0%
User Defined Commercial	W	Light-Duty Trucks 2	%	20%	0%
User Defined Commercial	W	Light Heavy-Duty Trucks 1	%	3%	22%
User Defined Commercial	W	Light Heavy-Duty Trucks 2	%	1%	10%
User Defined Commercial	W	Motorcycles	%	2%	0%
User Defined Commercial	W	Medium-Duty Trucks	%	16%	0%
User Defined Commercial	W	Motor Homes	%	1%	0%
User Defined Commercial	W	Medium-Heavy-Duty Trucks	%	1%	18%
User Defined Commercial	W	Other Buses	%	< 0.5%	0%
User Defined Commercial	W	School Buses	%	< 0.5%	0%
User Defined Commercial	W	Urban Buses	%	< 0.5%	0%

8.5.7. Off-Road Equipment

8.5.7.1. Off-Road Equipment

Equipment Type	Model Parameter	Default Value	New Value
Forklifts	Fuel Type	CNG	Electric
Forklifts	Number/Day	2.00000	4.00000
Forklifts	Fuel Type	Diesel	Electric

Forklifts	Fuel Type	Diesel	Electric
Forklifts	Number/Day	3.00000	6.00000

8.6. Measure Input Overrides

8.6.1. Construction Measure Inputs

Measure Number and Input Name	Construction Phase	Equipment Type	Model Parameter	Default Value	New Value
C-1-A - Use Electric or Hybrid Powered Equipment	Architectural Coating	Air Compressors	Electric Powered Equipment	0.00000	1.000000

Appendix B

CalEEMod Output Files – LST Emissions

2240 Fleetwood Drive Project LST Unmitigated Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	2240 Fleetwood Drive Project LST Unmitigated
Construction Start Date	1/6/2025
Operational Year	2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20000
Precipitation (days)	14.2000
Location	2240 Fleetwood Dr, Riverside, CA 92509, USA
County	Riverside-South Coast
City	Jurupa Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5425
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.39

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
Manufacturing	26.5000	1000sqft	0.76000	26,500.0	23,583.0	0.00000	—	—

Parking Lot	131.000	Space	1.18000	0.00000	0.00000	0.00000	—	—
Other Asphalt Surfaces	2.70000	Acre	2.70000	0.00000	0.00000	0.00000	—	—
Manufacturing	55.0000	1000sqft	1.18000	55,000.0	23,583.0	-1.000000	—	—
Other Non-Asphalt Surfaces	169.100	1000sqft	3.88000	0.00000	175,657	0.00000	—	—
User Defined Industrial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	0.00000	—	Tire Recycling Facility Trucks
User Defined Commercial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	0.00000	—	Trucks

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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.48498	1.25796	10.6145	13.4312	0.02348	0.43200	0.00894	0.44094	0.39745	0.00222	0.39967	—	2,434.33	2,434.33	0.10669	0.02634	0.05359	2,444.90
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.6595	42.6335	31.6985	30.3839	0.04890	1.36560	7.67025	9.03585	1.25635	3.94093	5.19728	—	5,308.69	5,308.69	0.21940	0.04641	0.00289	5,327.80
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.42330	2.41302	8.41290	10.2403	0.01752	0.34586	0.36820	0.71406	0.31820	0.18280	0.50100	—	1,829.74	1,829.74	0.08079	0.02019	0.01730	1,837.79
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.44225	0.44038	1.53535	1.86886	0.00320	0.06312	0.06720	0.13032	0.05807	0.03336	0.09143	—	302.934	302.934	0.01338	0.00334	0.00286	304.267
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.48498	1.25796	10.6145	13.4312	0.02348	0.43200	0.00894	0.44094	0.39745	0.00222	0.39967	—	2,434.33	2,434.33	0.10669	0.02634	0.05359	2,444.90
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	4.00570	3.37327	31.6985	30.3839	0.04890	1.36560	7.67025	9.03585	1.25635	3.94093	5.19728	—	5,308.69	5,308.69	0.21940	0.04641	0.00289	5,327.80
2026	42.6595	42.6335	10.0297	13.3798	0.02347	0.37881	0.00894	0.38775	0.34852	0.00222	0.35073	—	2,433.15	2,433.15	0.10723	0.02634	0.00129	2,443.68
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.14734	0.96902	8.41290	10.2403	0.01752	0.34586	0.36820	0.71406	0.31820	0.18280	0.50100	—	1,829.74	1,829.74	0.08079	0.02019	0.01730	1,837.79
2026	2.42330	2.41302	0.47721	0.67148	0.00095	0.02028	0.00026	0.02054	0.01866	0.00006	0.01872	—	100.065	100.065	0.00433	0.00096	0.00044	100.459

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.20939	0.17685	1.53535	1.86886	0.00320	0.06312	0.06720	0.13032	0.05807	0.03336	0.09143	—	302.934	302.934	0.01338	0.00334	0.00286	304.267
2026	0.44225	0.44038	0.08709	0.12254	0.00017	0.00370	0.00005	0.00375	0.00340	0.00001	0.00342	—	16.5669	16.5669	0.00072	0.00016	0.00007	16.6321

2.2.2. Onsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.34670	1.12690	10.4442	13.0401	0.02340	0.43184	0.00000	0.43184	0.39729	0.00000	0.39729	—	2,397.68	2,397.68	0.09726	0.01945	0.00000	2,405.91
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	7.66623	9.03179	1.25631	3.93995	5.19626	—	5,295.34	5,295.34	0.21480	0.04296	0.00000	5,313.52
2026	42.6333	42.6080	9.85401	12.9664	0.02340	0.37865	0.00000	0.37865	0.34836	0.00000	0.34836	—	2,397.24	2,397.24	0.09724	0.01945	0.00000	2,405.47
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.05965	0.88747	8.25811	9.92330	0.01740	0.34571	0.36176	0.70747	0.31805	0.18119	0.49924	—	1,799.33	1,799.33	0.07299	0.01460	0.00000	1,805.51
2026	2.41855	2.40842	0.47554	0.65737	0.00095	0.02028	0.00000	0.02028	0.01866	0.00000	0.01866	—	99.4700	99.4700	0.00403	0.00081	0.00000	99.8113
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.19339	0.16196	1.50711	1.81100	0.00318	0.06309	0.06602	0.12911	0.05804	0.03307	0.09111	—	297.900	297.900	0.01208	0.00242	0.00000	298.922
2026	0.44138	0.43954	0.08679	0.11997	0.00017	0.00370	0.00000	0.00370	0.00340	0.00000	0.00340	—	16.4684	16.4684	0.00067	0.00013	0.00000	16.5249

2.2.3. Offsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	0.13828	0.13105	0.17027	0.39110	0.00008	0.00015	0.00894	0.00910	0.00015	0.00222	0.00237	—	36.6461	36.6461	0.00942	0.00689	0.05359	38.9884
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.12923	0.12144	0.82777	0.70200	0.00140	0.00087	0.01498	0.01585	0.00087	0.00407	0.00494	—	135.570	135.570	0.02458	0.02240	0.00289	142.862
2026	0.12099	0.11364	0.17568	0.41345	0.00008	0.00015	0.00894	0.00910	0.00015	0.00222	0.00237	—	35.9074	35.9074	0.00999	0.00689	0.00129	38.2114
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.08770	0.08154	0.15479	0.31702	0.00013	0.00014	0.00644	0.00658	0.00014	0.00162	0.00176	—	30.4037	30.4037	0.00780	0.00559	0.01730	32.2819
2026	0.00475	0.00460	0.00167	0.01411	< 0.000005	< 0.000005	0.00026	0.00027	< 0.000005	0.00006	0.00006	—	0.59474	0.59474	0.00030	0.00015	0.00044	0.64743
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.01600	0.01488	0.02825	0.05786	0.00002	0.00003	0.00118	0.00120	0.00003	0.00030	0.00032	—	5.03368	5.03368	0.00129	0.00093	0.00286	5.34463
2026	0.00087	0.00084	0.00031	0.00257	< 0.000005	< 0.000005	0.00005	0.00005	< 0.000005	0.00001	0.00001	—	0.09847	0.09847	0.00005	0.00002	0.00007	0.10719

2.3. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.78623	4.36786	15.2152	64.7558	0.02549	0.45263	0.09599	0.54862	0.42118	0.02480	0.44597	90.5802	5,179.89	5,270.47	9.50026	0.17498	21.8058	5,581.93
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.11228	3.74014	15.2529	61.5249	0.02526	0.44646	0.09599	0.54245	0.41654	0.02480	0.44133	90.5802	5,163.44	5,254.02	9.50604	0.17616	21.2301	5,565.40
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.20576	3.87665	11.5262	47.4246	0.02060	0.34397	0.09516	0.43914	0.32154	0.02459	0.34613	90.5802	4,365.21	4,455.79	9.48011	0.17140	21.4700	4,765.34

Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.76755	0.70749	2.10354	8.65498	0.00376	0.06277	0.01737	0.08014	0.05868	0.00449	0.06317	14.9966	722.711	737.708	1.56954	0.02838	3.55461	788.957
Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	55.0000	55.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.4. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.88093	0.82972	1.30435	2.92303	0.00295	0.00387	0.09599	0.09986	0.00364	0.02480	0.02843	—	314.199	314.199	0.07352	0.05755	0.59103	333.777
Area	2.63398	2.58534	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,904.25	1,904.25	0.17386	0.01115	—	1,911.92
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	1.16789	0.90109	12.9408	57.4986	0.01669	0.37101	—	0.37101	0.34133	—	0.34133	—	2,807.39	2,807.39	0.09219	0.01655	—	2,814.63
Total	4.78623	4.36786	15.2152	64.7558	0.02549	0.45263	0.09599	0.54862	0.42118	0.02480	0.44597	90.5802	5,179.89	5,270.47	9.50026	0.17498	21.8058	5,581.93

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.83747	0.78385	1.37187	3.23648	0.00293	0.00399	0.09599	0.09998	0.00376	0.02480	0.02855	—	312.325	312.325	0.07991	0.05885	0.01533	331.877
Area	2.00349	2.00349	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,904.25	1,904.25	0.17386	0.01115	—	1,911.92
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	1.16789	0.90109	12.9408	57.4986	0.01669	0.37101	—	0.37101	0.34133	—	0.34133	—	2,807.39	2,807.39	0.09219	0.01655	—	2,814.63
Total	4.11228	3.74014	15.2529	61.5249	0.02526	0.44646	0.09599	0.54245	0.41654	0.02480	0.44133	90.5802	5,163.44	5,254.02	9.50604	0.17616	21.2301	5,565.40
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.83507	0.78105	1.34746	3.24919	0.00292	0.00392	0.09516	0.09909	0.00369	0.02459	0.02828	—	311.721	311.721	0.08008	0.05877	0.25520	331.491
Area	2.43534	2.40202	0.02043	2.42766	0.00014	0.00431	—	0.00431	0.00326	—	0.00326	—	9.98356	9.98356	0.00042	0.00009	—	10.0196
Energy	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,904.25	1,904.25	0.17386	0.01115	—	1,911.92
Water	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197
Waste	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Off-Road	0.83192	0.64187	9.21813	40.9579	0.01189	0.26428	—	0.26428	0.24314	—	0.24314	—	1,999.79	1,999.79	0.06567	0.01179	—	2,004.94
Total	4.20576	3.87665	11.5262	47.4246	0.02060	0.34397	0.09516	0.43914	0.32154	0.02459	0.34613	90.5802	4,365.21	4,455.79	9.48011	0.17140	21.4700	4,765.34
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.15240	0.14254	0.24591	0.59298	0.00053	0.00072	0.01737	0.01808	0.00067	0.00449	0.00516	—	51.6090	51.6090	0.01326	0.00973	0.04225	54.8822
Area	0.44445	0.43837	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885
Energy	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	315.271	315.271	0.02879	0.00185	—	316.541
Water	—	—	—	—	—	—	—	—	—	—	—	5.97926	23.0909	29.0701	0.61531	0.01483	—	48.8733
Waste	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235

Off-Roa	0.15183	0.11714	1.68231	7.47482	0.00217	0.04823	—	0.04823	0.04437	—	0.04437	—	331.087	331.087	0.01087	0.00195	—	331.941
Total	0.76755	0.70749	2.10354	8.65498	0.00376	0.06277	0.01737	0.08014	0.05868	0.00449	0.06317	14.9966	722.711	737.708	1.56954	0.02838	3.55461	788.957

3. Construction Emissions Details

3.1. Site Preparation (2025)

3.1.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	—	1.36555	1.25631	—	1.25631	—	5,295.34	5,295.34	0.21480	0.04296	—	5,313.52
Dust From Material Movement	—	—	—	—	—	—	7.66623	7.66623	—	3.93995	3.93995	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10793	0.09069	0.86687	0.82673	0.00134	0.03741	—	0.03741	0.03442	—	0.03442	—	145.078	145.078	0.00588	0.00118	—	145.576

Dust From Material Movement	—	—	—	—	—	—	0.21003	0.21003	—	0.10794	0.10794	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01970	0.01655	0.15820	0.15088	0.00024	0.00683	—	0.00683	0.00628	—	0.00628	—	24.0193	24.0193	0.00097	0.00019	—	24.1017
Dust From Material Movement	—	—	—	—	—	—	0.03833	0.03833	—	0.01970	0.01970	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06339	0.06131	0.01448	0.18135	0.00000	0.00000	0.00318	0.00318	0.00000	0.00075	0.00075	—	6.32362	6.32362	0.00367	0.00169	0.00033	6.91830
Vendor	0.00271	0.00161	0.04328	0.02712	0.00002	0.00004	0.00084	0.00088	0.00004	0.00023	0.00028	—	7.02186	7.02186	0.00093	0.00106	0.00022	7.36057
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00172	0.00166	0.00040	0.00502	0.00000	0.00000	0.00009	0.00009	0.00000	0.00002	0.00002	—	0.17440	0.17440	0.00010	0.00005	0.00015	0.19083

Vendor	0.00008	0.00005	0.00116	0.00073	< 0.000005	< 0.000005	0.00002	0.00002	< 0.000005	0.00001	0.00001	—	0.19102	0.19102	0.00003	0.00003	0.00010	0.20040
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00031	0.00030	0.00007	0.00092	0.00000	0.00000	0.00002	0.00002	0.00000	< 0.000005	< 0.000005	—	0.02887	0.02887	0.00002	0.00001	0.00002	0.03159
Vendor	0.00001	0.00001	0.00021	0.00013	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	—	0.03163	0.03163	< 0.000005	< 0.000005	0.00002	0.03318
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Grading (2025)

3.2.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07412	1.74283	16.2737	17.9144	0.02732	0.72197	—	0.72197	0.66421	—	0.66421	—	2,959.35	2,959.35	0.12004	0.02401	—	2,969.50
Dust From Material Movement	—	—	—	—	—	—	2.76902	2.76902	—	1.33668	1.33668	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.11365	0.09550	0.89171	0.98161	0.00150	0.03956	—	0.03956	0.03640	—	0.03640	—	162.156	162.156	0.00658	0.00132	—	162.712
Dust From Material Movement	—	—	—	—	—	—	0.15173	0.15173	—	0.07324	0.07324	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02074	0.01743	0.16274	0.17914	0.00027	0.00722	—	0.00722	0.00664	—	0.00664	—	26.8468	26.8468	0.00109	0.00022	—	26.9389
Dust From Material Movement	—	—	—	—	—	—	0.02769	0.02769	—	0.01337	0.01337	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05635	0.05450	0.01287	0.16120	0.00000	0.00000	0.00283	0.00283	0.00000	0.00066	0.00066	—	5.62099	5.62099	0.00326	0.00150	0.00029	6.14960
Vendor	0.00271	0.00161	0.04328	0.02712	0.00002	0.00004	0.00084	0.00088	0.00004	0.00023	0.00028	—	7.02186	7.02186	0.00093	0.00106	0.00022	7.36057
Hauling	0.05291	0.03004	0.77162	0.51368	0.00138	0.00083	0.01131	0.01214	0.00083	0.00317	0.00400	—	122.927	122.927	0.02039	0.01984	0.00238	129.352
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.00305	0.00295	0.00071	0.00893	0.00000	0.00000	0.00015	0.00015	0.00000	0.00004	0.00004	—	0.31005	0.31005	0.00018	0.00008	0.00026	0.33926
Vendor	0.00015	0.00010	0.00231	0.00145	< 0.000005	< 0.000005	0.00005	0.00005	< 0.000005	0.00001	0.00002	—	0.38204	0.38204	0.00005	0.00006	0.00020	0.40079
Hauling	0.00302	0.00177	0.04106	0.02766	0.00008	0.00005	0.00062	0.00066	0.00005	0.00017	0.00022	—	6.67724	6.67724	0.00112	0.00109	0.00216	7.03133
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00056	0.00054	0.00013	0.00163	0.00000	0.00000	0.00003	0.00003	0.00000	0.00001	0.00001	—	0.05133	0.05133	0.00003	0.00001	0.00004	0.05617
Vendor	0.00003	0.00002	0.00042	0.00026	< 0.000005	< 0.000005	0.00001	0.00001	< 0.000005	< 0.000005	< 0.000005	—	0.06325	0.06325	0.00001	0.00001	0.00003	0.06636
Hauling	0.00055	0.00032	0.00749	0.00505	0.00001	0.00001	0.00011	0.00012	0.00001	0.00003	0.00004	—	1.10549	1.10549	0.00019	0.00018	0.00036	1.16412

3.3. Building Construction (2025)

3.3.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34670	1.12690	10.4442	13.0401	0.02340	0.43184	—	0.43184	0.39729	—	0.39729	—	2,397.68	2,397.68	0.09726	0.01945	—	2,405.91
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34670	1.12690	10.4442	13.0401	0.02340	0.43184	—	0.43184	0.39729	—	0.39729	—	2,397.68	2,397.68	0.09726	0.01945	—	2,405.91
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83806	0.70128	6.49953	8.11496	0.01456	0.26874	—	0.26874	0.24724	—	0.24724	—	1,492.10	1,492.10	0.06053	0.01211	—	1,497.22
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15295	0.12798	1.18616	1.48098	0.00266	0.04904	—	0.04904	0.04512	—	0.04512	—	247.034	247.034	0.01002	0.00200	—	247.882
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12818	0.12480	0.02567	0.30020	0.00000	0.00000	0.00601	0.00601	0.00000	0.00141	0.00141	—	12.3696	12.3696	0.00618	0.00319	0.02380	13.4973
Vendor	0.01011	0.00625	0.14460	0.09090	0.00008	0.00015	0.00294	0.00309	0.00015	0.00081	0.00097	—	24.2765	24.2765	0.00324	0.00370	0.02979	25.4910
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11974	0.11581	0.02736	0.34255	0.00000	0.00000	0.00601	0.00601	0.00000	0.00141	0.00141	—	11.9446	11.9446	0.00693	0.00319	0.00062	13.0679
Vendor	0.00949	0.00563	0.15147	0.09491	0.00008	0.00015	0.00294	0.00309	0.00015	0.00081	0.00097	—	24.5765	24.5765	0.00324	0.00370	0.00077	25.7620
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	0.07358	0.07114	0.01714	0.21551	0.00000	0.00000	0.00370	0.00370	0.00000	0.00087	0.00087	—	7.48269	7.48269	0.00431	0.00198	0.00639	8.18772
Vendor	0.00610	0.00389	0.09200	0.05772	0.00005	0.00010	0.00181	0.00191	0.00010	0.00050	0.00060	—	15.1862	15.1862	0.00202	0.00230	0.00803	15.9315
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01343	0.01298	0.00313	0.03933	0.00000	0.00000	0.00068	0.00068	0.00000	0.00016	0.00016	—	1.23884	1.23884	0.00071	0.00033	0.00106	1.35557
Vendor	0.00111	0.00071	0.01679	0.01053	0.00001	0.00002	0.00033	0.00035	0.00002	0.00009	0.00011	—	2.51425	2.51425	0.00033	0.00038	0.00133	2.63765
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Building Construction (2026)

3.4.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.27993	1.07101	9.85401	12.9664	0.02340	0.37865	—	0.37865	0.34836	—	0.34836	—	2,397.24	2,397.24	0.09724	0.01945	—	2,405.47
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00501	0.00419	0.03857	0.05075	0.00009	0.00148	—	0.00148	0.00136	—	0.00136	—	9.38254	9.38254	0.00038	0.00008	—	9.41474
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00091	0.00077	0.00704	0.00926	0.00002	0.00027	—	0.00027	0.00025	—	0.00025	—	1.55339	1.55339	0.00006	0.00001	—	1.55872
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.11150	0.10831	0.02567	0.31932	0.00000	0.00000	0.00601	0.00601	0.00000	0.00141	0.00141	—	11.6755	11.6755	0.00675	0.00319	0.00056	12.7941
Vendor	0.00949	0.00532	0.15000	0.09414	0.00008	0.00015	0.00294	0.00309	0.00015	0.00081	0.00097	—	24.2319	24.2319	0.00324	0.00370	0.00073	25.4174
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00043	0.00042	0.00010	0.00126	0.00000	0.00000	0.00002	0.00002	0.00000	0.00001	0.00001	—	0.04600	0.04600	0.00003	0.00001	0.00004	0.05041
Vendor	0.00004	0.00002	0.00057	0.00036	< 0.000005	< 0.000005	0.00001	0.00001	< 0.000005	< 0.000005	< 0.000005	—	0.09414	0.09414	0.00001	0.00001	0.00005	0.09883
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00008	0.00008	0.00002	0.00023	0.00000	0.00000	< 0.000005	< 0.000005	0.00000	< 0.000005	< 0.000005	—	0.00762	0.00762	< 0.000005	< 0.000005	0.00001	0.00835
Vendor	0.00001	< 0.000005	0.00010	0.00007	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	—	0.01559	0.01559	< 0.000005	< 0.000005	0.00001	0.01636
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2026)

3.5.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90546	0.76084	7.11822	9.93804	0.01395	0.31987	—	0.31987	0.29428	—	0.29428	—	1,510.59	1,510.59	0.06128	0.01226	—	1,515.78
Paving	0.50828	0.50828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04961	0.04169	0.39004	0.54455	0.00076	0.01753	—	0.01753	0.01612	—	0.01612	—	82.7721	82.7721	0.00336	0.00067	—	83.0562
Paving	0.02785	0.02785	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00905	0.00761	0.07118	0.09938	0.00014	0.00320	—	0.00320	0.00294	—	0.00294	—	13.7039	13.7039	0.00056	0.00011	—	13.7509
Paving	0.00508	0.00508	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05247	0.05097	0.01208	0.15027	0.00000	0.00000	0.00283	0.00283	0.00000	0.00066	0.00066	—	5.49436	5.49436	0.00317	0.00150	0.00026	6.02073
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00286	0.00277	0.00067	0.00832	0.00000	0.00000	0.00015	0.00015	0.00000	0.00004	0.00004	—	0.30306	0.30306	0.00017	0.00008	0.00024	0.33213
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00052	0.00051	0.00012	0.00152	0.00000	0.00000	0.00003	0.00003	0.00000	0.00001	0.00001	—	0.05018	0.05018	0.00003	0.00001	0.00004	0.05499
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Architectural Coating (2026)

3.6.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14557	0.12031	0.85645	1.13283	0.00173	0.02315	—	0.02315	0.02130	—	0.02130	—	133.504	133.504	0.00542	0.00108	—	133.963
Architectural Coatings	42.4877	42.4877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00798	0.00659	0.04693	0.06207	0.00009	0.00127	—	0.00127	0.00117	—	0.00117	—	7.31531	7.31531	0.00030	0.00006	—	7.34042
Architectural Coatings	2.32809	2.32809	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00146	0.00120	0.00856	0.01133	0.00002	0.00023	—	0.00023	0.00021	—	0.00021	—	1.21113	1.21113	0.00005	0.00001	—	1.21529
Architectural Coatings	0.42488	0.42488	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02624	0.02549	0.00604	0.07513	0.00000	0.00000	0.00141	0.00141	0.00000	0.00033	0.00033	—	2.74718	2.74718	0.00159	0.00075	0.00013	3.01037
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00143	0.00139	0.00033	0.00416	0.00000	0.00000	0.00008	0.00008	0.00000	0.00002	0.00002	—	0.15153	0.15153	0.00009	0.00004	0.00012	0.16606
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00026	0.00025	0.00006	0.00076	0.00000	0.00000	0.00001	0.00001	0.00000	< 0.000005	< 0.000005	—	0.02509	0.02509	0.00001	0.00001	0.00002	0.02749
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.74839	0.72889	0.18962	1.97762	0.00116	0.00170	0.05951	0.06120	0.00156	0.01502	0.01658	—	117.061	117.061	0.04474	0.02426	0.20172	125.612
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	0.11008	0.08510	0.89019	0.77214	0.00144	0.00180	0.03084	0.03264	0.00172	0.00827	0.00999	—	158.679	158.679	0.02282	0.02694	0.33377	167.612
User Defined Commercial	0.02245	0.01574	0.22455	0.17327	0.00035	0.00037	0.00564	0.00601	0.00036	0.00151	0.00187	—	38.4582	38.4582	0.00596	0.00634	0.05554	40.5535
Total	0.88093	0.82972	1.30435	2.92303	0.00295	0.00387	0.09599	0.09986	0.00364	0.02480	0.02843	—	314.199	314.199	0.07352	0.05755	0.59103	333.777
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.71428	0.69177	0.20210	2.25470	0.00112	0.00170	0.05951	0.06120	0.00156	0.01502	0.01658	—	112.875	112.875	0.05125	0.02513	0.00523	121.651
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

User Defined Industrial	0.10242	0.07788	0.93342	0.80222	0.00146	0.00190	0.03084	0.03274	0.00181	0.00827	0.01008	—	160.483	160.483	0.02274	0.02729	0.00866	169.191
User Defined Commercial	0.02077	0.01419	0.23635	0.17956	0.00035	0.00040	0.00564	0.00604	0.00038	0.00151	0.00189	—	38.9680	38.9680	0.00592	0.00643	0.00144	41.0345
Total	0.83747	0.78385	1.37187	3.23648	0.00293	0.00399	0.09599	0.09998	0.00376	0.02480	0.02855	—	312.325	312.325	0.07991	0.05885	0.01533	331.877
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.12941	0.12530	0.03729	0.41585	0.00020	0.00031	0.01076	0.01107	0.00029	0.00272	0.00300	—	18.8070	18.8070	0.00849	0.00417	0.01442	20.2776
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	0.01908	0.01454	0.16660	0.14482	0.00026	0.00034	0.00559	0.00592	0.00032	0.00150	0.00182	—	26.3991	26.3991	0.00378	0.00450	0.02386	27.8577
User Defined Commercial	0.00392	0.00270	0.04203	0.03231	0.00006	0.00007	0.00102	0.00109	0.00007	0.00027	0.00034	—	6.40296	6.40296	0.00099	0.00106	0.00397	6.74690
Total	0.15240	0.14254	0.24591	0.59298	0.00053	0.00072	0.01737	0.01808	0.00067	0.00449	0.00516	—	51.6090	51.6090	0.01326	0.00973	0.04225	54.8822

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Manufac	—	—	—	—	—	—	—	—	—	—	—	—	739.702	739.702	0.07051	0.00855	—	744.011
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.7074	42.7074	0.00407	0.00049	—	42.9562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	782.409	782.409	0.07458	0.00904	—	786.968
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufac turing	—	—	—	—	—	—	—	—	—	—	—	—	739.702	739.702	0.07051	0.00855	—	744.011
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	42.7074	42.7074	0.00407	0.00049	—	42.9562
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	782.409	782.409	0.07458	0.00904	—	786.968

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	122.466	122.466	0.01167	0.00141	—	123.180
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	7.07070	7.07070	0.00067	0.00008	—	7.11189
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	—	129.537	129.537	0.01235	0.00150	—	130.291

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.10342	0.05171	0.94022	0.78979	0.00564	0.07146	—	0.07146	0.07146	—	0.07146	—	1,121.84	1,121.84	0.09928	0.00211	—	1,124.95
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	185.734	185.734	0.01644	0.00035	—	186.249
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	—	0.00000	—	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	0.01887	0.00944	0.17159	0.14414	0.00103	0.01304	—	0.01304	0.01304	—	0.01304	—	185.734	185.734	0.01644	0.00035	—	186.249

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.77069	1.77069	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.23281	0.23281	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.63049	0.58184	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286
Total	2.63398	2.58534	0.02983	3.54438	0.00021	0.00630	—	0.00630	0.00476	—	0.00476	—	14.5760	14.5760	0.00061	0.00013	—	14.6286

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.77069	1.77069	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.23281	0.23281	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	2.00349	2.00349	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.32315	0.32315	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.04249	0.04249	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07881	0.07273	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885
Total	0.44445	0.43837	0.00373	0.44305	0.00003	0.00079	—	0.00079	0.00059	—	0.00059	—	1.65289	1.65289	0.00007	0.00001	—	1.65885

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Manufac	—	—	—	—	—	—	—	—	—	—	—	36.1151	125.451	161.566	3.71514	0.08944	—	281.097
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	14.0188	14.0188	0.00134	0.00016	—	14.1005
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	36.1151	125.451	161.566	3.71514	0.08944	—	281.097
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	14.0188	14.0188	0.00134	0.00016	—	14.1005
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	36.1151	139.470	175.585	3.71648	0.08960	—	295.197

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	5.97926	20.7699	26.7492	0.61508	0.01481	—	46.5388
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	2.32097	2.32097	0.00022	0.00003	—	2.33449
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	5.97926	23.0909	29.0701	0.61531	0.01483	—	48.8733

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	54.4652	0.00000	54.4652	5.44360	0.00000	—	190.555
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Other Non-Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
User Defined Commercial	—	—	—	—	—	—	—	—	—	—	—	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000
Total	—	—	—	—	—	—	—	—	—	—	—	9.01733	0.00000	9.01733	0.90125	0.00000	—	31.5486

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	21.2148	21.2148
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Manufacturing	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.51235	3.51235

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.94211	0.71136	11.2968	55.4619	0.01408	0.32343	—	0.32343	0.29755	—	0.29755	—	2,524.12	2,524.12	0.08070	0.01425	—	2,530.39
Excavators	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	1.16789	0.90109	12.9408	57.4986	0.01669	0.37101	—	0.37101	0.34133	—	0.34133	—	2,807.39	2,807.39	0.09219	0.01655	—	2,814.63
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.94211	0.71136	11.2968	55.4619	0.01408	0.32343	—	0.32343	0.29755	—	0.29755	—	2,524.12	2,524.12	0.08070	0.01425	—	2,530.39
Excavators	0.22579	0.18972	1.64399	2.03675	0.00261	0.04758	—	0.04758	0.04377	—	0.04377	—	283.270	283.270	0.01149	0.00230	—	284.242
Total	1.16789	0.90109	12.9408	57.4986	0.01669	0.37101	—	0.37101	0.34133	—	0.34133	—	2,807.39	2,807.39	0.09219	0.01655	—	2,814.63
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Forklifts	0.12247	0.09248	1.46859	7.21004	0.00183	0.04205	—	0.04205	0.03868	—	0.03868	—	297.680	297.680	0.00952	0.00168	—	298.419
Excavators	0.02935	0.02466	0.21372	0.26478	0.00034	0.00619	—	0.00619	0.00569	—	0.00569	—	33.4072	33.4072	0.00136	0.00027	—	33.5218
Total	0.15183	0.11714	1.68231	7.47482	0.00217	0.04823	—	0.04823	0.04437	—	0.04437	—	331.087	331.087	0.01087	0.00195	—	331.941

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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
Site Preparation	Site Preparation	1/6/2025	1/17/2025	5.00000	10.00000	—
Grading	Grading	1/20/2025	2/14/2025	5.00000	20.0000	—
Building Construction	Building Construction	2/17/2025	1/2/2026	5.00000	230.000	—
Paving	Paving	1/5/2026	1/30/2026	5.00000	20.0000	—
Architectural Coating	Architectural Coating	2/2/2026	2/27/2026	5.00000	20.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Excavators	Diesel	Average	1.000000	8.00000	36.0000	0.38000

Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	8.00000	84.0000	0.37000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Building Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Building Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	7.00000	84.0000	0.37000
Paving	Pavers	Diesel	Average	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	Worker	18.0000	0.25000	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00000	0.25000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	0.00000	—	HHDT
Grading	Worker	16.0000	0.25000	LDA,LDT1,LDT2
Grading	Vendor	4.00000	0.25000	HHDT,MHDT
Grading	Hauling	50.0000	0.25000	HHDT
Grading	Onsite truck	0.00000	—	HHDT
Building Construction	Worker	34.0000	0.25000	LDA,LDT1,LDT2
Building Construction	Vendor	14.0000	0.25000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT

Building Construction	Onsite truck	0.00000	—	HHDT
Paving	Worker	16.0000	0.25000	LDA,LDT1,LDT2
Paving	Vendor	0.00000	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	8.00000	0.25000	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	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	0.00000	0.00000	122,250	40,750.0	20,281.5

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 (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00000	0.00000	15.0000	0.00000	0.00000
Grading	0.00000	7,825.00	20.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	7.76000

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Manufacturing	0.00000	0%
Paving	Parking Lot	1.18000	100%
Paving	Other Asphalt Surfaces	2.70000	100%
Paving	Manufacturing	0.00000	0%
Paving	Other Non-Asphalt Surfaces	3.88000	0%
Paving	User Defined Industrial	0.00000	0%
Paving	User Defined Commercial	0.00000	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	0.00000	348.637	0.03300	0.00400
2026	0.00000	346.196	0.03300	0.00400

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Manufacturing	104.145	104.145	104.145	38,012.9	26.0363	26.0363	26.0363	9,503.23
Parking Lot	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Other Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Manufacturing	237.600	237.600	237.600	86,724.0	59.4000	59.4000	59.4000	21,681.0
Other Non-Asphalt Surfaces	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
User Defined Industrial	144.000	144.000	144.000	52,560.0	36.0000	36.0000	36.0000	13,140.0
User Defined Commercial	26.0000	26.0000	26.0000	9,490.00	6.50000	6.50000	6.50000	2,372.50

5.10. Operational Area Sources

5.10.1. Hearths

Land Use	Hearth Type	Unmitigated (number)	Mitigated (number)
Manufacturing	Wood Fireplaces	0	0
Manufacturing	Gas Fireplaces	0	0
Manufacturing	Propane Fireplaces	0	0
Manufacturing	Electric Fireplaces	0	0
Manufacturing	No Fireplaces	0	0
Manufacturing	Conventional Wood Stoves	0	0
Manufacturing	Catalytic Wood Stoves	0	0
Manufacturing	Non-Catalytic Wood Stoves	0	0
Manufacturing	Pellet Wood Stoves	0	0
Parking Lot	Wood Fireplaces	0	0
Parking Lot	Gas Fireplaces	0	0
Parking Lot	Propane Fireplaces	0	0
Parking Lot	Electric Fireplaces	0	0
Parking Lot	No Fireplaces	0	0
Parking Lot	Conventional Wood Stoves	0	0
Parking Lot	Catalytic Wood Stoves	0	0

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

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

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0.00000	0.00000	122,250	40,750.0	20,281.5

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00000

Summer Days	day/yr	250.000

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Manufacturing	253,580	346.196	0.0330	0.0040	1,138,184
Parking Lot	45,027.1	346.196	0.0330	0.0040	0.00000
Other Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
Manufacturing	526,299	346.196	0.0330	0.0040	2,362,268
Other Non-Asphalt Surfaces	0.00000	346.196	0.0330	0.0040	0.00000
User Defined Industrial	0.00000	346.196	0.0330	0.0040	0.00000
User Defined Commercial	0.00000	346.196	0.0330	0.0040	0.00000

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Manufacturing	6,128,125	373,925
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Manufacturing	12,718,750	373,906
Other Non-Asphalt Surfaces	0.00000	2,785,167
User Defined Industrial	0.00000	0.00000
User Defined Commercial	0.00000	0.00000

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Manufacturing	32.8600	0.00000
Parking Lot	0.00000	0.00000
Other Asphalt Surfaces	0.00000	0.00000
Manufacturing	68.2000	0.00000
Other Non-Asphalt Surfaces	0.00000	0.00000
User Defined Industrial	0.00000	0.00000
User Defined Commercial	0.00000	0.00000

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000
Manufacturing	Other commercial A/C and heat pumps	R-410A	2,088.00	0.30000	4.00000	4.00000	18.0000

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
Forklifts	CNG	Average	4.00000	8.00000	70.0000	0.30000
Forklifts	Diesel	Average	2.00000	8.00000	82.0000	0.20000
Excavators	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Forklifts	Diesel	Average	2.00000	8.00000	82.0000	0.20000
Forklifts	Diesel	Average	6.00000	8.00000	82.0000	0.20000

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

5.16.2. Process Boilers

5.17. User Defined

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	26.2000	annual days of extreme heat
Extreme Precipitation	3.55000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	3.43000	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	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	92.6322
AQ-DPM	69.0604
Drinking Water	94.8920
Lead Risk Housing	85.0032

Pesticides	0.00000
Toxic Releases	87.8845
Traffic	64.6500
Effect Indicators	—
CleanUp Sites	89.6603
Groundwater	22.1152
Haz Waste Facilities/Generators	97.2469
Impaired Water Bodies	12.4528
Solid Waste	94.5704
Sensitive Population	—
Asthma	61.7896
Cardio-vascular	72.3081
Low Birth Weights	54.6189
Socioeconomic Factor Indicators	—
Education	88.9775
Housing	47.6172
Linguistic	72.2561
Poverty	60.0126
Unemployment	73.4123

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	22.4560503
Employed	40.16424997
Median HI	44.70678814
Education	—

Bachelor's or higher	24.38085461
High school enrollment	100
Preschool enrollment	36.10932888
Transportation	—
Auto Access	54.54895419
Active commuting	28.89772873
Social	—
2-parent households	62.96676505
Voting	11.36917747
Neighborhood	—
Alcohol availability	63.53137431
Park access	12.48556397
Retail density	18.10599256
Supermarket access	12.57538817
Tree canopy	6.249197998
Housing	—
Homeownership	62.73578853
Housing habitability	38.79122289
Low-inc homeowner severe housing cost burden	35.30091107
Low-inc renter severe housing cost burden	50.46836905
Uncrowded housing	10.22712691
Health Outcomes	—
Insured adults	18.72192994
Arthritis	0.0
Asthma ER Admissions	38.0
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0

Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	7.3
Cognitively Disabled	21.0
Physically Disabled	29.8
Heart Attack ER Admissions	11.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	85.1
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	1.6
SLR Inundation Area	0.0
Children	20.9
Elderly	87.4
English Speaking	16.1
Foreign-born	65.9
Outdoor Workers	12.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.8
Traffic Density	80.3

Traffic Access	23.0
Other Indices	—
Hardship	79.8
Other Decision Support	—
2016 Voting	16.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	95.0000
Healthy Places Index Score for Project Location (b)	25.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Based on Project Description

Construction: Construction Phases	Estimated Schedule
Construction: Trips and VMT	Even numbered of trips for workers/vendor/haul trips. Added vendor trips to site prep/grading for dust control - water trucks. Reduced trip length for all vehicles to 0.25 miles to represent on-site emissions.
Operations: Vehicle Data	Based on traffic trip generation study. Trip length reduced to 0.25 miles to represent on-site emissions.
Operations: Fleet Mix	Based on adjusted fleet mix for the project to reflect both the passenger vehicles and the trucks as calculated by the Transportation Analysis. Passenger mix %= LDA - 55.2918, LDT1-4.237, LDT2-22.831, MDV - 17.6393 = Total = 100% Tire Facility Trucks %= LHD1- 33.21,LHD2-15.09, MHD-22.4, HHD-29.3% = 100% Manufacturing Trucks % = LHD1-22.48, LHD2-1022, MHD-17.9, HHD-49.4 = 100%
Operations: Off-Road Equipment	Tire Recycling Facility - Offroad equipment per applicant rep - 4 CNG forklifts, 2 excavator diesels, 2 diesel forklifts. Manufacturing - added offroad equipment to manufacturing use per SCAQMD Business Survey. http://www.aqmd.gov/docs/default-source/ceqa/handbook/high-cube-warehouse-trip-rate-study-for-a - total with worst-case "warehouse" assumption would be 6 forklifts diesel

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	0.60836	0.76000
Landscape Area	sq. ft	—	23,583.0
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	1.17900	1.18000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	1.26263	1.18000
Landscape Area	sq. ft	—	23,583.0
Special Landscape Area	sq. ft	—	-1.000000
Lot Area	acre	3.88200	3.88000
Landscape Area	sq. ft	—	175,657
Special Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Site Preparation	Site Preparation	Start Date	2/4/2025	1/6/2025
Site Preparation	Site Preparation	End Date	2/18/2025	1/17/2025
Grading	Grading	Start Date	2/19/2025	1/20/2025
Grading	Grading	End Date	3/19/2025	2/14/2025
Building Construction	Building Construction	Start Date	3/20/2025	2/17/2025
Building Construction	Building Construction	End Date	2/5/2026	1/2/2026
Paving	Paving	Start Date	2/6/2026	1/5/2026
Paving	Paving	End Date	3/6/2026	1/30/2026
Architectural Coating	Architectural Coating	Start Date	3/7/2026	2/2/2026
Architectural Coating	Architectural Coating	End Date	4/4/2026	2/27/2026

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Site Preparation	Worker	One-Way Trips per Day	17.5000	18.0000
Site Preparation	Worker	Miles per Trip	18.5000	0.25000
Site Preparation	Vendor	One-Way Trips per Day	—	4.00000
Site Preparation	Vendor	Miles per Trip	10.2000	0.25000
Grading	Worker	One-Way Trips per Day	15.0000	16.0000
Grading	Worker	Miles per Trip	18.5000	0.25000
Grading	Vendor	One-Way Trips per Day	—	4.00000
Grading	Vendor	Miles per Trip	10.2000	0.25000
Grading	Hauling	One-Way Trips per Day	48.9500	50.0000
Grading	Hauling	Miles per Trip	20.0000	0.25000
Building Construction	Worker	One-Way Trips per Day	34.2300	34.0000

Building Construction	Worker	Miles per Trip	18.5000	0.25000
Building Construction	Vendor	One-Way Trips per Day	13.3578	14.0000
Building Construction	Vendor	Miles per Trip	10.2000	0.25000
Paving	Worker	One-Way Trips per Day	15.0000	16.0000
Paving	Worker	Miles per Trip	18.5000	0.25000
Architectural Coating	Worker	One-Way Trips per Day	6.84600	8.00000
Architectural Coating	Worker	Miles per Trip	18.5000	0.25000

8.5. Operations

8.5.1. Mobile Sources

8.5.1.1. Vehicle Data

Land Use	Model Parameter	Units	Default Value	New Value
Manufacturing	Weekday Trip Rate	size/day	3.93000	3.93000
Manufacturing	Saturday Trip Rate	size/day	6.42000	3.93000
Manufacturing	Sunday Trip Rate	size/day	5.09000	3.93000
Manufacturing	Non-Res H-W Trip Length	miles	23.2124	0.25000
Manufacturing	Non-Res W-O Trip Length	miles	9.92483	0.25000
Manufacturing	Non-Res O-O Trip Length	miles	7.52221	0.25000
Parking Lot	Non-Res H-W Trip Length	miles	23.2124	0.25000
Parking Lot	Non-Res W-O Trip Length	miles	9.92483	0.25000
Other Asphalt Surfaces	Non-Res H-W Trip Length	miles	23.2124	0.25000
Other Asphalt Surfaces	Non-Res W-O Trip Length	miles	9.92483	0.25000
Other Asphalt Surfaces	Non-Res O-O Trip Length	miles	7.52221	0.25000
Manufacturing	Weekday Trip Rate	size/day	3.93000	4.32000
Manufacturing	Saturday Trip Rate	size/day	6.42000	4.32000
Manufacturing	Sunday Trip Rate	size/day	5.09000	4.32000
Manufacturing	Non-Res H-W Trip Length	miles	23.2124	0.25000

Manufacturing	Non-Res W-O Trip Length	miles	9.92483	0.25000
Manufacturing	Non-Res O-O Trip Length	miles	7.52221	0.25000
Other Non-Asphalt Surfaces	Non-Res H-W Trip Length	miles	23.2124	0.25000
Other Non-Asphalt Surfaces	Non-Res W-O Trip Length	miles	9.92483	0.25000
Other Non-Asphalt Surfaces	Non-Res O-O Trip Length	miles	7.52221	0.25000
User Defined Industrial	Weekday Trip Rate	size/day	0.00000	144.000
User Defined Industrial	Saturday Trip Rate	size/day	0.00000	144.000
User Defined Industrial	Sunday Trip Rate	size/day	0.00000	144.000
User Defined Industrial	Non-Res H-W Trip Length	miles	23.2124	0.25000
User Defined Industrial	Non-Res W-O Trip Length	miles	9.92483	0.25000
User Defined Industrial	Non-Res O-O Trip Length	miles	7.52221	0.25000
User Defined Commercial	Weekday Trip Rate	size/day	0.00000	26.0000
User Defined Commercial	Saturday Trip Rate	size/day	0.00000	26.0000
User Defined Commercial	Sunday Trip Rate	size/day	0.00000	26.0000
User Defined Commercial	Non-Res H-W Trip Length	miles	23.2124	0.25000
User Defined Commercial	Non-Res W-O Trip Length	miles	9.92483	0.25000
User Defined Commercial	Non-Res O-O Trip Length	miles	7.52221	0.25000

8.5.1.2. Fleet Mix

Land Use	Season	Model Parameter	Units	Default Value	New Value
Manufacturing	A	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	A	Passenger Cars	%	50%	55%
Manufacturing	A	Light-Duty Trucks 1	%	4%	4%
Manufacturing	A	Light-Duty Trucks 2	%	20%	23%
Manufacturing	A	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	A	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	A	Motorcycles	%	2%	0%
Manufacturing	A	Medium-Duty Trucks	%	16%	18%

Manufacturing	A	Motor Homes	%	1%	0%
Manufacturing	A	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	A	Other Buses	%	< 0.5%	0%
Manufacturing	A	School Buses	%	< 0.5%	0%
Manufacturing	A	Urban Buses	%	< 0.5%	0%
Manufacturing	S	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	S	Passenger Cars	%	50%	55%
Manufacturing	S	Light-Duty Trucks 1	%	4%	4%
Manufacturing	S	Light-Duty Trucks 2	%	20%	23%
Manufacturing	S	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	S	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	S	Motorcycles	%	2%	0%
Manufacturing	S	Medium-Duty Trucks	%	16%	18%
Manufacturing	S	Motor Homes	%	1%	0%
Manufacturing	S	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	S	Other Buses	%	< 0.5%	0%
Manufacturing	S	School Buses	%	< 0.5%	0%
Manufacturing	S	Urban Buses	%	< 0.5%	0%
Manufacturing	W	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	W	Passenger Cars	%	50%	55%
Manufacturing	W	Light-Duty Trucks 1	%	4%	4%
Manufacturing	W	Light-Duty Trucks 2	%	20%	23%
Manufacturing	W	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	W	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	W	Motorcycles	%	2%	0%
Manufacturing	W	Medium-Duty Trucks	%	16%	18%
Manufacturing	W	Motor Homes	%	1%	0%
Manufacturing	W	Medium-Heavy-Duty Trucks	%	1%	0%

Manufacturing	W	Other Buses	%	< 0.5%	0%
Manufacturing	W	School Buses	%	< 0.5%	0%
Manufacturing	W	Urban Buses	%	< 0.5%	0%
Manufacturing	A	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	A	Passenger Cars	%	50%	55%
Manufacturing	A	Light-Duty Trucks 1	%	4%	4%
Manufacturing	A	Light-Duty Trucks 2	%	20%	23%
Manufacturing	A	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	A	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	A	Motorcycles	%	2%	0%
Manufacturing	A	Medium-Duty Trucks	%	16%	18%
Manufacturing	A	Motor Homes	%	1%	0%
Manufacturing	A	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	A	Other Buses	%	< 0.5%	0%
Manufacturing	A	School Buses	%	< 0.5%	0%
Manufacturing	A	Urban Buses	%	< 0.5%	0%
Manufacturing	S	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	S	Passenger Cars	%	50%	55%
Manufacturing	S	Light-Duty Trucks 1	%	4%	4%
Manufacturing	S	Light-Duty Trucks 2	%	20%	23%
Manufacturing	S	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	S	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	S	Motorcycles	%	2%	0%
Manufacturing	S	Medium-Duty Trucks	%	16%	18%
Manufacturing	S	Motor Homes	%	1%	0%
Manufacturing	S	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	S	Other Buses	%	< 0.5%	0%
Manufacturing	S	School Buses	%	< 0.5%	0%

Manufacturing	S	Urban Buses	%	< 0.5%	0%
Manufacturing	W	Heavy-Heavy-Duty Trucks	%	2%	0%
Manufacturing	W	Passenger Cars	%	50%	55%
Manufacturing	W	Light-Duty Trucks 1	%	4%	4%
Manufacturing	W	Light-Duty Trucks 2	%	20%	23%
Manufacturing	W	Light Heavy-Duty Trucks 1	%	3%	0%
Manufacturing	W	Light Heavy-Duty Trucks 2	%	1%	0%
Manufacturing	W	Motorcycles	%	2%	0%
Manufacturing	W	Medium-Duty Trucks	%	16%	18%
Manufacturing	W	Motor Homes	%	1%	0%
Manufacturing	W	Medium-Heavy-Duty Trucks	%	1%	0%
Manufacturing	W	Other Buses	%	< 0.5%	0%
Manufacturing	W	School Buses	%	< 0.5%	0%
Manufacturing	W	Urban Buses	%	< 0.5%	0%
User Defined Industrial	A	Heavy-Heavy-Duty Trucks	%	2%	29%
User Defined Industrial	A	Passenger Cars	%	50%	0%
User Defined Industrial	A	Light-Duty Trucks 1	%	4%	0%
User Defined Industrial	A	Light-Duty Trucks 2	%	20%	0%
User Defined Industrial	A	Light Heavy-Duty Trucks 1	%	3%	33%
User Defined Industrial	A	Light Heavy-Duty Trucks 2	%	1%	15%
User Defined Industrial	A	Motorcycles	%	2%	0%
User Defined Industrial	A	Medium-Duty Trucks	%	16%	0%
User Defined Industrial	A	Motor Homes	%	1%	0%
User Defined Industrial	A	Medium-Heavy-Duty Trucks	%	1%	22%
User Defined Industrial	A	Other Buses	%	< 0.5%	0%
User Defined Industrial	A	School Buses	%	< 0.5%	0%
User Defined Industrial	A	Urban Buses	%	< 0.5%	0%
User Defined Industrial	S	Heavy-Heavy-Duty Trucks	%	2%	29%

User Defined Industrial	S	Passenger Cars	%	50%	0%
User Defined Industrial	S	Light-Duty Trucks 1	%	4%	0%
User Defined Industrial	S	Light-Duty Trucks 2	%	20%	0%
User Defined Industrial	S	Light Heavy-Duty Trucks 1	%	3%	33%
User Defined Industrial	S	Light Heavy-Duty Trucks 2	%	1%	15%
User Defined Industrial	S	Motorcycles	%	2%	0%
User Defined Industrial	S	Medium-Duty Trucks	%	16%	0%
User Defined Industrial	S	Motor Homes	%	1%	0%
User Defined Industrial	S	Medium-Heavy-Duty Trucks	%	1%	22%
User Defined Industrial	S	Other Buses	%	< 0.5%	0%
User Defined Industrial	S	School Buses	%	< 0.5%	0%
User Defined Industrial	S	Urban Buses	%	< 0.5%	0%
User Defined Industrial	W	Heavy-Heavy-Duty Trucks	%	2%	29%
User Defined Industrial	W	Passenger Cars	%	50%	0%
User Defined Industrial	W	Light-Duty Trucks 1	%	4%	0%
User Defined Industrial	W	Light-Duty Trucks 2	%	20%	0%
User Defined Industrial	W	Light Heavy-Duty Trucks 1	%	3%	33%
User Defined Industrial	W	Light Heavy-Duty Trucks 2	%	1%	15%
User Defined Industrial	W	Motorcycles	%	2%	0%
User Defined Industrial	W	Medium-Duty Trucks	%	16%	0%
User Defined Industrial	W	Motor Homes	%	1%	0%
User Defined Industrial	W	Medium-Heavy-Duty Trucks	%	1%	22%
User Defined Industrial	W	Other Buses	%	< 0.5%	0%
User Defined Industrial	W	School Buses	%	< 0.5%	0%
User Defined Industrial	W	Urban Buses	%	< 0.5%	0%
User Defined Commercial	A	Heavy-Heavy-Duty Trucks	%	2%	49%
User Defined Commercial	A	Passenger Cars	%	50%	0%
User Defined Commercial	A	Light-Duty Trucks 1	%	4%	0%

User Defined Commercial	A	Light-Duty Trucks 2	%	20%	0%
User Defined Commercial	A	Light Heavy-Duty Trucks 1	%	3%	22%
User Defined Commercial	A	Light Heavy-Duty Trucks 2	%	1%	10%
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User Defined Commercial	A	Motor Homes	%	1%	0%
User Defined Commercial	A	Medium-Heavy-Duty Trucks	%	1%	18%
User Defined Commercial	A	Other Buses	%	< 0.5%	0%
User Defined Commercial	A	School Buses	%	< 0.5%	0%
User Defined Commercial	A	Urban Buses	%	< 0.5%	0%
User Defined Commercial	S	Heavy-Heavy-Duty Trucks	%	2%	49%
User Defined Commercial	S	Passenger Cars	%	50%	0%
User Defined Commercial	S	Light-Duty Trucks 1	%	4%	0%
User Defined Commercial	S	Light-Duty Trucks 2	%	20%	0%
User Defined Commercial	S	Light Heavy-Duty Trucks 1	%	3%	22%
User Defined Commercial	S	Light Heavy-Duty Trucks 2	%	1%	10%
User Defined Commercial	S	Motorcycles	%	2%	0%
User Defined Commercial	S	Medium-Duty Trucks	%	16%	0%
User Defined Commercial	S	Motor Homes	%	1%	0%
User Defined Commercial	S	Medium-Heavy-Duty Trucks	%	1%	18%
User Defined Commercial	S	Other Buses	%	< 0.5%	0%
User Defined Commercial	S	School Buses	%	< 0.5%	0%
User Defined Commercial	S	Urban Buses	%	< 0.5%	0%
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User Defined Commercial	W	Passenger Cars	%	50%	0%
User Defined Commercial	W	Light-Duty Trucks 1	%	4%	0%
User Defined Commercial	W	Light-Duty Trucks 2	%	20%	0%
User Defined Commercial	W	Light Heavy-Duty Trucks 1	%	3%	22%

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User Defined Commercial	W	Medium-Duty Trucks	%	16%	0%
User Defined Commercial	W	Motor Homes	%	1%	0%
User Defined Commercial	W	Medium-Heavy-Duty Trucks	%	1%	18%
User Defined Commercial	W	Other Buses	%	< 0.5%	0%
User Defined Commercial	W	School Buses	%	< 0.5%	0%
User Defined Commercial	W	Urban Buses	%	< 0.5%	0%

8.5.7. Off-Road Equipment

8.5.7.1. Off-Road Equipment

Equipment Type	Model Parameter	Default Value	New Value
Forklifts	Number/Day	2.00000	4.00000
Forklifts	Fuel Type	Electric	Diesel
Forklifts	Number/Day	3.00000	6.00000

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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

8.1. Justifications

8.3. Land Use

8.4. Construction

8.4.1. Construction Phases

8.4.6. Trips and VMT

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	2240 Fleetwood Drive Project Regional Emissions - Unmitigated HRA
Construction Start Date	1/6/2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.20000
Precipitation (days)	14.2000
Location	2240 Fleetwood Dr, Riverside, CA 92509, USA
County	Riverside-South Coast
City	Jurupa Valley
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5425
EDFZ	11
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.39

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
Manufacturing	26.5000	1000sqft	0.76000	26,500.0	23,583.0	0.00000	—	—
Parking Lot	131.000	Space	1.18000	0.00000	0.00000	0.00000	—	—

Other Asphalt Surfaces	2.70000	Acre	2.70000	0.00000	0.00000	0.00000	—	—
Manufacturing	55.0000	1000sqft	1.18000	55,000.0	23,583.0	-1.000000	—	—
Other Non-Asphalt Surfaces	169.100	1000sqft	3.88000	0.00000	175,657	0.00000	—	—
User Defined Industrial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	0.00000	—	Tire Recycling Facility Trucks
User Defined Commercial	1.000000	User Defined Unit	0.00000	0.00000	0.00000	0.00000	—	Trucks

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.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.35681	1.13315	10.5888	13.1310	0.02348	0.43200	0.00294	0.43493	0.39745	0.00081	0.39826	—	2,421.96	2,421.96	0.10050	0.02316	0.02979	2,431.40
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	42.6333	42.6080	31.6841	30.2026	0.04890	1.36560	7.66707	9.03267	1.25635	3.94019	5.19654	—	5,302.37	5,302.37	0.21573	0.04491	0.00260	5,320.88
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.41858	2.40844	8.39465	10.0109	0.01752	0.34586	0.36426	0.71011	0.31820	0.18188	0.50008	—	1,821.77	1,821.77	0.07620	0.01808	0.01050	1,829.07
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.44139	0.43954	1.53202	1.82698	0.00320	0.06312	0.06648	0.12960	0.05807	0.03319	0.09126	—	301.615	301.615	0.01262	0.00299	0.00174	302.824

Exceeds (Daily Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—
Exceeds (Average Daily)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Threshold	—	75.0000	100.0000	550.000	150.000	—	—	150.000	—	—	55.0000	—	—	—	—	—	—	—
Unmit.	—	No	No	No	No	—	—	No	—	—	No	—	—	—	—	—	—	—

2.2. Construction Emissions by Year

2.2.1. Total Construction Emissions by Year, Unmitigated

Includes both onsite and offsite emissions.

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.35681	1.13315	10.5888	13.1310	0.02348	0.43200	0.00294	0.43493	0.39745	0.00081	0.39826	—	2,421.96	2,421.96	0.10050	0.02316	0.02979	2,431.40
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.94230	3.31196	31.6841	30.2026	0.04890	1.36560	7.66707	9.03267	1.25635	3.94019	5.19654	—	5,302.37	5,302.37	0.21573	0.04491	0.00260	5,320.88
2026	42.6333	42.6080	10.0040	13.0605	0.02347	0.37881	0.00294	0.38174	0.34852	0.00081	0.34933	—	2,421.47	2,421.47	0.10048	0.02315	0.00073	2,430.88
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.06900	0.89328	8.39465	10.0109	0.01752	0.34586	0.36426	0.71011	0.31820	0.18188	0.50008	—	1,821.77	1,821.77	0.07620	0.01808	0.01050	1,829.07
2026	2.41858	2.40844	0.47611	0.65773	0.00095	0.02028	0.00001	0.02029	0.01866	< 0.000005	0.01866	—	99.5641	99.5641	0.00405	0.00082	0.00005	99.9102

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.19509	0.16302	1.53202	1.82698	0.00320	0.06312	0.06648	0.12960	0.05807	0.03319	0.09126	—	301.615	301.615	0.01262	0.00299	0.00174	302.824
2026	0.44139	0.43954	0.08689	0.12004	0.00017	0.00370	< 0.000005	0.00370	0.00340	< 0.000005	0.00341	—	16.4840	16.4840	0.00067	0.00014	0.00001	16.5413

2.2.2. Onsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.34670	1.12690	10.4442	13.0401	0.02340	0.43184	0.00000	0.43184	0.39729	0.00000	0.39729	—	2,397.68	2,397.68	0.09726	0.01945	0.00000	2,405.91
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	7.66623	9.03179	1.25631	3.93995	5.19626	—	5,295.34	5,295.34	0.21480	0.04296	0.00000	5,313.52
2026	42.6333	42.6080	9.85401	12.9664	0.02340	0.37865	0.00000	0.37865	0.34836	0.00000	0.34836	—	2,397.24	2,397.24	0.09724	0.01945	0.00000	2,405.47
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	1.05965	0.88747	8.25811	9.92330	0.01740	0.34571	0.36176	0.70747	0.31805	0.18119	0.49924	—	1,799.33	1,799.33	0.07299	0.01460	0.00000	1,805.51
2026	2.41855	2.40842	0.47554	0.65737	0.00095	0.02028	0.00000	0.02028	0.01866	0.00000	0.01866	—	99.4700	99.4700	0.00403	0.00081	0.00000	99.8113
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.19339	0.16196	1.50711	1.81100	0.00318	0.06309	0.06602	0.12911	0.05804	0.03307	0.09111	—	297.900	297.900	0.01208	0.00242	0.00000	298.922
2026	0.44138	0.43954	0.08679	0.11997	0.00017	0.00370	0.00000	0.00370	0.00340	0.00000	0.00340	—	16.4684	16.4684	0.00067	0.00013	0.00000	16.5249

2.2.3. Offsite Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

2025	0.01011	0.00625	0.14460	0.09090	0.00008	0.00015	0.00294	0.00309	0.00015	0.00081	0.00097	—	24.2765	24.2765	0.00324	0.00370	0.02979	25.4910
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.05562	0.03165	0.81489	0.54079	0.00140	0.00087	0.01215	0.01302	0.00087	0.00340	0.00428	—	129.949	129.949	0.02132	0.02090	0.00260	136.712
2026	0.00949	0.00532	0.15000	0.09414	0.00008	0.00015	0.00294	0.00309	0.00015	0.00081	0.00097	—	24.2319	24.2319	0.00324	0.00370	0.00073	25.4174
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.00935	0.00580	0.13653	0.08756	0.00013	0.00014	0.00250	0.00264	0.00014	0.00069	0.00084	—	22.4365	22.4365	0.00321	0.00348	0.01050	23.5641
2026	0.00004	0.00002	0.00057	0.00036	< 0.000005	< 0.000005	0.00001	0.00001	< 0.000005	< 0.000005	< 0.000005	—	0.09414	0.09414	0.00001	0.00001	0.00005	0.09883
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2025	0.00171	0.00106	0.02492	0.01598	0.00002	0.00003	0.00046	0.00048	0.00003	0.00013	0.00015	—	3.71463	3.71463	0.00053	0.00058	0.00174	3.90130
2026	0.00001	< 0.000005	0.00010	0.00007	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	—	0.01559	0.01559	< 0.000005	< 0.000005	0.00001	0.01636

3. Construction Emissions Details

3.1. Site Preparation (2025)

3.1.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.93959	3.31035	31.6408	30.1755	0.04888	1.36555	—	1.36555	1.25631	—	1.25631	—	5,295.34	5,295.34	0.21480	0.04296	—	5,313.52

Dust From Material Movement	—	—	—	—	—	—	7.66623	7.66623	—	3.93995	3.93995	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10793	0.09069	0.86687	0.82673	0.00134	0.03741	—	0.03741	0.03442	—	0.03442	—	145.078	145.078	0.00588	0.00118	—	145.576
Dust From Material Movement	—	—	—	—	—	—	0.21003	0.21003	—	0.10794	0.10794	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01970	0.01655	0.15820	0.15088	0.00024	0.00683	—	0.00683	0.00628	—	0.00628	—	24.0193	24.0193	0.00097	0.00019	—	24.1017
Dust From Material Movement	—	—	—	—	—	—	0.03833	0.03833	—	0.01970	0.01970	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.1.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00271	0.00161	0.04328	0.02712	0.00002	0.00004	0.00084	0.00088	0.00004	0.00023	0.00028	—	7.02186	7.02186	0.00093	0.00106	0.00022	7.36057
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00008	0.00005	0.00116	0.00073	< 0.000005	< 0.000005	0.00002	0.00002	< 0.000005	0.00001	0.00001	—	0.19102	0.19102	0.00003	0.00003	0.00010	0.20040
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00001	0.00001	0.00021	0.00013	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	—	0.03163	0.03163	< 0.000005	< 0.000005	0.00002	0.03318
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2. Grading (2025)

3.2.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.07412	1.74283	16.2737	17.9144	0.02732	0.72197	—	0.72197	0.66421	—	0.66421	—	2,959.35	2,959.35	0.12004	0.02401	—	2,969.50

Dust From Material Movement	—	—	—	—	—	—	2.76902	2.76902	—	1.33668	1.33668	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11365	0.09550	0.89171	0.98161	0.00150	0.03956	—	0.03956	0.03640	—	0.03640	—	162.156	162.156	0.00658	0.00132	—	162.712
Dust From Material Movement	—	—	—	—	—	—	0.15173	0.15173	—	0.07324	0.07324	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02074	0.01743	0.16274	0.17914	0.00027	0.00722	—	0.00722	0.00664	—	0.00664	—	26.8468	26.8468	0.00109	0.00022	—	26.9389
Dust From Material Movement	—	—	—	—	—	—	0.02769	0.02769	—	0.01337	0.01337	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.2.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00271	0.00161	0.04328	0.02712	0.00002	0.00004	0.00084	0.00088	0.00004	0.00023	0.00028	—	7.02186	7.02186	0.00093	0.00106	0.00022	7.36057
Hauling	0.05291	0.03004	0.77162	0.51368	0.00138	0.00083	0.01131	0.01214	0.00083	0.00317	0.00400	—	122.927	122.927	0.02039	0.01984	0.00238	129.352
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00015	0.00010	0.00231	0.00145	< 0.000005	< 0.000005	0.00005	0.00005	< 0.000005	0.00001	0.00002	—	0.38204	0.38204	0.00005	0.00006	0.00020	0.40079
Hauling	0.00302	0.00177	0.04106	0.02766	0.00008	0.00005	0.00062	0.00066	0.00005	0.00017	0.00022	—	6.67724	6.67724	0.00112	0.00109	0.00216	7.03133
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00003	0.00002	0.00042	0.00026	< 0.000005	< 0.000005	0.00001	0.00001	< 0.000005	< 0.000005	< 0.000005	—	0.06325	0.06325	0.00001	0.00001	0.00003	0.06636
Hauling	0.00055	0.00032	0.00749	0.00505	0.00001	0.00001	0.00011	0.00012	0.00001	0.00003	0.00004	—	1.10549	1.10549	0.00019	0.00018	0.00036	1.16412

3.3. Building Construction (2025)

3.3.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34670	1.12690	10.4442	13.0401	0.02340	0.43184	—	0.43184	0.39729	—	0.39729	—	2,397.68	2,397.68	0.09726	0.01945	—	2,405.91
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.34670	1.12690	10.4442	13.0401	0.02340	0.43184	—	0.43184	0.39729	—	0.39729	—	2,397.68	2,397.68	0.09726	0.01945	—	2,405.91
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.83806	0.70128	6.49953	8.11496	0.01456	0.26874	—	0.26874	0.24724	—	0.24724	—	1,492.10	1,492.10	0.06053	0.01211	—	1,497.22
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15295	0.12798	1.18616	1.48098	0.00266	0.04904	—	0.04904	0.04512	—	0.04512	—	247.034	247.034	0.01002	0.00200	—	247.882
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.3.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.01011	0.00625	0.14460	0.09090	0.00008	0.00015	0.00294	0.00309	0.00015	0.00081	0.00097	—	24.2765	24.2765	0.00324	0.00370	0.02979	25.4910
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00949	0.00563	0.15147	0.09491	0.00008	0.00015	0.00294	0.00309	0.00015	0.00081	0.00097	—	24.5765	24.5765	0.00324	0.00370	0.00077	25.7620
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00610	0.00389	0.09200	0.05772	0.00005	0.00010	0.00181	0.00191	0.00010	0.00050	0.00060	—	15.1862	15.1862	0.00202	0.00230	0.00803	15.9315
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00111	0.00071	0.01679	0.01053	0.00001	0.00002	0.00033	0.00035	0.00002	0.00009	0.00011	—	2.51425	2.51425	0.00033	0.00038	0.00133	2.63765
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4. Building Construction (2026)

3.4.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.27993	1.07101	9.85401	12.9664	0.02340	0.37865	—	0.37865	0.34836	—	0.34836	—	2,397.24	2,397.24	0.09724	0.01945	—	2,405.47

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00501	0.00419	0.03857	0.05075	0.00009	0.00148	—	0.00148	0.00136	—	0.00136	—	9.38254	9.38254	0.00038	0.00008	—	9.41474
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00091	0.00077	0.00704	0.00926	0.00002	0.00027	—	0.00027	0.00025	—	0.00025	—	1.55339	1.55339	0.00006	0.00001	—	1.55872
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.4.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00949	0.00532	0.15000	0.09414	0.00008	0.00015	0.00294	0.00309	0.00015	0.00081	0.00097	—	24.2319	24.2319	0.00324	0.00370	0.00073	25.4174
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

Vendor	0.00004	0.00002	0.00057	0.00036	< 0.000005	< 0.000005	0.00001	0.00001	< 0.000005	< 0.000005	< 0.000005	—	0.09414	0.09414	0.00001	0.00001	0.00005	0.09883
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00001	< 0.000005	0.00010	0.00007	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	< 0.000005	—	0.01559	0.01559	< 0.000005	< 0.000005	0.00001	0.01636
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5. Paving (2026)

3.5.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.90546	0.76084	7.11822	9.93804	0.01395	0.31987	—	0.31987	0.29428	—	0.29428	—	1,510.59	1,510.59	0.06128	0.01226	—	1,515.78
Paving	0.50828	0.50828	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04961	0.04169	0.39004	0.54455	0.00076	0.01753	—	0.01753	0.01612	—	0.01612	—	82.7721	82.7721	0.00336	0.00067	—	83.0562
Paving	0.02785	0.02785	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00905	0.00761	0.07118	0.09938	0.00014	0.00320	—	0.00320	0.00294	—	0.00294	—	13.7039	13.7039	0.00056	0.00011	—	13.7509
Paving	0.00508	0.00508	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.5.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6. Architectural Coating (2026)

3.6.1. Onsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.14557	0.12031	0.85645	1.13283	0.00173	0.02315	—	0.02315	0.02130	—	0.02130	—	133.504	133.504	0.00542	0.00108	—	133.963
Architectural Coatings	42.4877	42.4877	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.00798	0.00659	0.04693	0.06207	0.00009	0.00127	—	0.00127	0.00117	—	0.00117	—	7.31531	7.31531	0.00030	0.00006	—	7.34042
Architectural Coatings	2.32809	2.32809	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.00146	0.00120	0.00856	0.01133	0.00002	0.00023	—	0.00023	0.00021	—	0.00021	—	1.21113	1.21113	0.00005	0.00001	—	1.21529
Architectural Coatings	0.42488	0.42488	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

3.6.2. Offsite - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Vendor	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
Hauling	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	—	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

4. Operations Emissions Details

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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	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
Site Preparation	Site Preparation	1/6/2025	1/17/2025	5.00000	10.00000	—
Grading	Grading	1/20/2025	2/14/2025	5.00000	20.0000	—
Building Construction	Building Construction	2/17/2025	1/2/2026	5.00000	230.000	—
Paving	Paving	1/5/2026	1/30/2026	5.00000	20.0000	—
Architectural Coating	Architectural Coating	2/2/2026	2/27/2026	5.00000	20.0000	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00000	8.00000	367.000	0.40000
Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00000	8.00000	84.0000	0.37000
Grading	Graders	Diesel	Average	1.000000	8.00000	148.000	0.41000
Grading	Excavators	Diesel	Average	1.000000	8.00000	36.0000	0.38000

Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	8.00000	84.0000	0.37000
Grading	Rubber Tired Dozers	Diesel	Average	1.000000	8.00000	367.000	0.40000
Building Construction	Forklifts	Diesel	Average	3.00000	8.00000	82.0000	0.20000
Building Construction	Generator Sets	Diesel	Average	1.000000	8.00000	14.0000	0.74000
Building Construction	Cranes	Diesel	Average	1.000000	7.00000	367.000	0.29000
Building Construction	Welders	Diesel	Average	1.000000	8.00000	46.0000	0.45000
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00000	7.00000	84.0000	0.37000
Paving	Pavers	Diesel	Average	2.00000	8.00000	81.0000	0.42000
Paving	Paving Equipment	Diesel	Average	2.00000	8.00000	89.0000	0.36000
Paving	Rollers	Diesel	Average	2.00000	8.00000	36.0000	0.38000
Architectural Coating	Air Compressors	Diesel	Average	1.000000	6.00000	37.0000	0.48000

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Site Preparation	Worker	0.00000	18.5000	LDA,LDT1,LDT2
Site Preparation	Vendor	4.00000	0.25000	HHDT,MHDT
Site Preparation	Hauling	0.00000	20.0000	HHDT
Site Preparation	Onsite truck	0.00000	—	HHDT
Grading	Worker	0.00000	18.5000	LDA,LDT1,LDT2
Grading	Vendor	4.00000	0.25000	HHDT,MHDT
Grading	Hauling	50.0000	0.25000	HHDT
Grading	Onsite truck	0.00000	—	HHDT
Building Construction	Worker	0.00000	18.5000	LDA,LDT1,LDT2
Building Construction	Vendor	14.0000	0.25000	HHDT,MHDT
Building Construction	Hauling	0.00000	20.0000	HHDT

Building Construction	Onsite truck	0.00000	—	HHDT
Paving	Worker	0.00000	18.5000	LDA,LDT1,LDT2
Paving	Vendor	0.00000	10.2000	HHDT,MHDT
Paving	Hauling	0.00000	20.0000	HHDT
Paving	Onsite truck	0.00000	—	HHDT
Architectural Coating	Worker	0.00000	18.5000	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00000	10.2000	HHDT,MHDT
Architectural Coating	Hauling	0.00000	20.0000	HHDT
Architectural Coating	Onsite truck	0.00000	—	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	0.00000	0.00000	122,250	40,750.0	20,281.5

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 (sq. ft.)	Acres Paved (acres)
Site Preparation	0.00000	0.00000	15.0000	0.00000	0.00000
Grading	0.00000	7,825.00	20.0000	0.00000	0.00000
Paving	0.00000	0.00000	0.00000	0.00000	7.76000

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%

5.7. Construction Paving

Phase Name	Land Use	Area Paved (acres)	% Asphalt
Paving	Manufacturing	0.00000	0%
Paving	Parking Lot	1.18000	100%
Paving	Other Asphalt Surfaces	2.70000	100%
Paving	Manufacturing	0.00000	0%
Paving	Other Non-Asphalt Surfaces	3.88000	0%
Paving	User Defined Industrial	0.00000	0%
Paving	User Defined Commercial	0.00000	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	0.00000	348.637	0.03300	0.00400
2026	0.00000	346.196	0.03300	0.00400

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

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

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	26.2000	annual days of extreme heat
Extreme Precipitation	3.55000	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	3.43000	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	3	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

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

6.3. Adjusted Climate Risk Scores

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

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	97.0006
AQ-PM	92.6322
AQ-DPM	69.0604
Drinking Water	94.8920
Lead Risk Housing	85.0032
Pesticides	0.00000
Toxic Releases	87.8845
Traffic	64.6500
Effect Indicators	—
CleanUp Sites	89.6603
Groundwater	22.1152
Haz Waste Facilities/Generators	97.2469
Impaired Water Bodies	12.4528
Solid Waste	94.5704
Sensitive Population	—
Asthma	61.7896
Cardio-vascular	72.3081
Low Birth Weights	54.6189

Socioeconomic Factor Indicators	—
Education	88.9775
Housing	47.6172
Linguistic	72.2561
Poverty	60.0126
Unemployment	73.4123

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	22.4560503
Employed	40.16424997
Median HI	44.70678814
Education	—
Bachelor's or higher	24.38085461
High school enrollment	100
Preschool enrollment	36.10932888
Transportation	—
Auto Access	54.54895419
Active commuting	28.89772873
Social	—
2-parent households	62.96676505
Voting	11.36917747
Neighborhood	—
Alcohol availability	63.53137431
Park access	12.48556397
Retail density	18.10599256

Supermarket access	12.57538817
Tree canopy	6.249197998
Housing	—
Homeownership	62.73578853
Housing habitability	38.79122289
Low-inc homeowner severe housing cost burden	35.30091107
Low-inc renter severe housing cost burden	50.46836905
Uncrowded housing	10.22712691
Health Outcomes	—
Insured adults	18.72192994
Arthritis	0.0
Asthma ER Admissions	38.0
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	7.3
Cognitively Disabled	21.0
Physically Disabled	29.8
Heart Attack ER Admissions	11.9
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	85.1
Physical Health Not Good	0.0
Stroke	0.0

Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	1.6
SLR Inundation Area	0.0
Children	20.9
Elderly	87.4
English Speaking	16.1
Foreign-born	65.9
Outdoor Workers	12.7
Climate Change Adaptive Capacity	—
Impervious Surface Cover	80.8
Traffic Density	80.3
Traffic Access	23.0
Other Indices	—
Hardship	79.8
Other Decision Support	—
2016 Voting	16.0

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	95.0000
Healthy Places Index Score for Project Location (b)	25.0000
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

8.1. Justifications

Screen	Justification
Land Use	Based on Project Description
Construction: Construction Phases	Estimated Schedule
Construction: Trips and VMT	Even numbered of trips for vendor and haul trips. Added vendor trips to site prep/grading for dust control - water trucks. Removed worker vehicles that are not diesel-fueled. Reduced truck trip length to 0.25 miles to represent on-site emissions.
Operations: Vehicle Data	Based on traffic trip generation study. Trip length based on project-specifics, EMFAC averages, SCAQMD truck trip lengths.
Operations: Fleet Mix	Based on adjusted fleet mix for the project to reflect both the passenger vehicles and the trucks as calculated by the Transportation Analysis. Passenger mix %= LDA - 55.2918, LDT1-4.237, LDT2-22.831, MDV - 17.6393 = Total = 100% Tire Facility Trucks %= LHD1- 33.21,LHD2-15.09, MHD-22.4, HHD-29.3% = 100% Manufacturing Trucks % = LHD1-22.48, LHD2-1022, MHD-17.9, HHD-49.4 = 100%
Operations: Off-Road Equipment	Tire Recycling Facility - Offroad equipment per applicant rep - 4 CNG forklifts, 2 excavator diesels, 2 diesel forklifts. Manufacturing - added offroad equipment to manufacturing use per SCAQMD Business Survey. http://www.aqmd.gov/docs/default-source/ceqa/handbook/high-cube-warehouse-trip-rate-study-for-a - total with worst-case "warehouse" assumption would be 6 forklifts diesel

8.3. Land Use

Model Parameter	Units	Default Value	New Value
Lot Area	acre	0.60836	0.76000
Landscape Area	sq. ft	—	23,583.0
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	1.17900	1.18000
Landscape Area	sq. ft	—	0.00000
Special Landscape Area	sq. ft	—	0.00000
Lot Area	acre	1.26263	1.18000
Landscape Area	sq. ft	—	23,583.0
Special Landscape Area	sq. ft	—	-1.000000
Lot Area	acre	3.88200	3.88000
Landscape Area	sq. ft	—	175,657
Special Landscape Area	sq. ft	—	0.00000

8.4. Construction

8.4.1. Construction Phases

Phase Type	Phase Name	Model Parameter	Default Value	New Value
Site Preparation	Site Preparation	Start Date	2/4/2025	1/6/2025
Site Preparation	Site Preparation	End Date	2/18/2025	1/17/2025
Grading	Grading	Start Date	2/19/2025	1/20/2025
Grading	Grading	End Date	3/19/2025	2/14/2025
Building Construction	Building Construction	Start Date	3/20/2025	2/17/2025
Building Construction	Building Construction	End Date	2/5/2026	1/2/2026
Paving	Paving	Start Date	2/6/2026	1/5/2026
Paving	Paving	End Date	3/6/2026	1/30/2026
Architectural Coating	Architectural Coating	Start Date	3/7/2026	2/2/2026
Architectural Coating	Architectural Coating	End Date	4/4/2026	2/27/2026

8.4.6. Trips and VMT

Phase Name	Trip Type	Model Parameter	Default Value	New Value
Site Preparation	Worker	One-Way Trips per Day	17.5000	0.00000
Site Preparation	Vendor	One-Way Trips per Day	—	4.00000
Site Preparation	Vendor	Miles per Trip	10.2000	0.25000
Grading	Worker	One-Way Trips per Day	15.0000	0.00000
Grading	Vendor	One-Way Trips per Day	—	4.00000
Grading	Vendor	Miles per Trip	10.2000	0.25000
Grading	Hauling	One-Way Trips per Day	48.9500	50.0000
Grading	Hauling	Miles per Trip	20.0000	0.25000
Building Construction	Worker	One-Way Trips per Day	34.2300	0.00000
Building Construction	Vendor	One-Way Trips per Day	13.3578	14.0000
Building Construction	Vendor	Miles per Trip	10.2000	0.25000
Paving	Worker	One-Way Trips per Day	15.0000	0.00000
Architectural Coating	Worker	One-Way Trips per Day	6.84600	0.00000

Appendix C

CalEEMod Output Files – HRA Emissions

Appendix D

Health Risk Assessment Output Files

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** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/11/2024
** File: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\2240
Fleetwood Drive Con HRA\2240 Fleetwood Drive Con HRA.ADI
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** AERMOD Control Pathway
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**
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CO STARTING
   TITLEONE C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP
\2240 Fleetwood Dr
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2189641 SCAQMD_Riverside_Pop
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "2240 Fleetwood Drive Con HRA.err"
CO FINISHED
**
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** AERMOD Source Pathway
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**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Construction Offroad Equipment and Trucks
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
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   SRCPARAM L0000368     0.0021929825      5.00      4.65
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   SRCPARAM L0000369     0.0021929825      5.00      4.65
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   SRCPARAM L0000370     0.0021929825      5.00      4.65
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   SRCPARAM L0000371     0.0021929825      5.00      4.65
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   SRCPARAM L0000372     0.0021929825      5.00      4.65
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   SRCPARAM L0000373     0.0021929825      5.00      4.65
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   SRCPARAM L0000374     0.0021929825      5.00      4.65
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   SRCPARAM L0000375     0.0021929825      5.00      4.65
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   SRCPARAM L0000376     0.0021929825      5.00      4.65
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   SRCPARAM L0000377     0.0021929825      5.00      4.65
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   SRCPARAM L0000378     0.0021929825      5.00      4.65
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   SRCPARAM L0000379     0.0021929825      5.00      4.65
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   SRCPARAM L0000380     0.0021929825      5.00      4.65
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   SRCPARAM L0000381     0.0021929825      5.00      4.65
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   SRCPARAM L0000382     0.0021929825      5.00      4.65
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   SRCPARAM L0000383     0.0021929825      5.00      4.65
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   SRCPARAM L0000384     0.0021929825      5.00      4.65
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   SRCPARAM L0000385     0.0021929825      5.00      4.65
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   SRCPARAM L0000386     0.0021929825      5.00      4.65
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   SRCPARAM L0000387     0.0021929825      5.00      4.65
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   SRCPARAM L0000388     0.0021929825      5.00      4.65
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   SRCPARAM L0000389     0.0021929825      5.00      4.65
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   SRCPARAM L0000390     0.0021929825      5.00      4.65
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   SRCPARAM L0000391     0.0021929825      5.00      4.65
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   SRCPARAM L0000392     0.0021929825      5.00      4.65
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   SRCPARAM L0000393     0.0021929825      5.00      4.65
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   SRCPARAM L0000394     0.0021929825      5.00      4.65
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   SRCPARAM L0000395     0.0021929825      5.00      4.65
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   SRCPARAM L0000399     0.0021929825      5.00      4.65
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   SRCPARAM L0000400     0.0021929825      5.00      4.65
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   SRCPARAM L0000401     0.0021929825      5.00      4.65
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   SRCPARAM L0000402     0.0021929825      5.00      4.65
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   SRCPARAM L0000403     0.0021929825      5.00      4.65
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   SRCPARAM L0000405     0.0021929825      5.00      4.65
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   SRCPARAM L0000406     0.0021929825      5.00      4.65
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   SRCPARAM L0000407     0.0021929825      5.00      4.65
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   SRCPARAM L0000408     0.0021929825      5.00      4.65
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   SRCPARAM L0000409     0.0021929825      5.00      4.65
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   SRCPARAM L0000410     0.0021929825      5.00      4.65
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   SRCPARAM L0000411     0.0021929825      5.00      4.65
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   SRCPARAM L0000412     0.0021929825      5.00      4.65
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   SRCPARAM L0000413     0.0021929825      5.00      4.65
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   SRCPARAM L0000414     0.0021929825      5.00      4.65
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   SRCPARAM L0000415     0.0021929825      5.00      4.65
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   SRCPARAM L0000416     0.0021929825      5.00      4.65
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   SRCPARAM L0000418     0.0021929825      5.00      4.65
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   SRCPARAM L0000419     0.0021929825      5.00      4.65
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   SRCPARAM L0000420     0.0021929825      5.00      4.65
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   SRCPARAM L0000422     0.0021929825      5.00      4.65
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   SRCPARAM L0000423     0.0021929825      5.00      4.65
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   SRCPARAM L0000425     0.0021929825      5.00      4.65
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   SRCPARAM L0000426     0.0021929825      5.00      4.65
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   SRCPARAM L0000427     0.0021929825      5.00      4.65
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   SRCPARAM L0000428     0.0021929825      5.00      4.65
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   SRCPARAM L0000429     0.0021929825      5.00      4.65
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   SRCPARAM L0000430     0.0021929825      5.00      4.65
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   SRCPARAM L0000431     0.0021929825      5.00      4.65
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   SRCPARAM L0000432     0.0021929825      5.00      4.65
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   SRCPARAM L0000433     0.0021929825      5.00      4.65
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   SRCPARAM L0000434     0.0021929825      5.00      4.65
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   SRCPARAM L0000435     0.0021929825      5.00      4.65
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   SRCPARAM L0000436     0.0021929825      5.00      4.65
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   SRCPARAM L0000437     0.0021929825      5.00      4.65
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   SRCPARAM L0000438     0.0021929825      5.00      4.65
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   SRCPARAM L0000439     0.0021929825      5.00      4.65
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   SRCPARAM L0000440     0.0021929825      5.00      4.65
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   SRCPARAM L0000441     0.0021929825      5.00      4.65
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   SRCPARAM L0000442     0.0021929825      5.00      4.65
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   SRCPARAM L0000443     0.0021929825      5.00      4.65
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   SRCPARAM L0000444     0.0021929825      5.00      4.65
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   SRCPARAM L0000445     0.0021929825      5.00      4.65
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   SRCPARAM L0000446     0.0021929825      5.00      4.65
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   SRCPARAM L0000447     0.0021929825      5.00      4.65
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   SRCPARAM L0000448     0.0021929825      5.00      4.65
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   SRCPARAM L0000449     0.0021929825      5.00      4.65
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   SRCPARAM L0000450     0.0021929825      5.00      4.65
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   SRCPARAM L0000451     0.0021929825      5.00      4.65
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   SRCPARAM L0000452     0.0021929825      5.00      4.65
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   SRCPARAM L0000453     0.0021929825      5.00      4.65
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   SRCPARAM L0000454     0.0021929825      5.00      4.65
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   SRCPARAM L0000455     0.0021929825      5.00      4.65
4.65
   SRCPARAM L0000456     0.0021929825      5.00      4.65
4.65
** ------------------------------------------------------------
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   URBANSRC ALL
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
```

```
**
**
RE STARTING
   INCLUDED "2240 Fleetwood Drive Con HRA.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KRAL_V9_ADJU\KRAL_v9.SFC
   PROFFILE KRAL_V9_ADJU\KRAL_v9.PFL
   SURFDATA 3171 2012 KRAL_Riverside_Airport
   UAIRDATA 3190 2012
   PROFBASE 245.0 METERS
ME FINISHED
**
**************************************
** AERMOD Output Pathway
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "2240 Fleetwood Drive Con HRA.AD
\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "2240 Fleetwood Drive Con HRA.AD
\PE00GALL.PLT" 32
   SUMMFILE "2240 Fleetwood Drive Con HRA.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    1065       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used          0.50
```

```
 ME W187    1065       MEOPEN: ADJ_U* Option for Stable Low Winds
used in AERMET

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

```
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/11/24
 *** AERMET - VERSION  16216 ***   ***
***        15:49:59

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

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration
Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for
456 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  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:    456 Source(s);       1 Source Group(s);
and     503 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    456 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
```

```
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total
of     0 line(s)
                 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) =
245.00 ;  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:   2240 Fleetwood Drive Con
HRA.err
 **File for Summary of Results:   2240 Fleetwood Drive Con
HRA.sum
```

*** VOLUME SOURCE DATA ***

RELEASE	NUMBER EMISSION RATE INIT.	INIT.	URBAN	EMISSION RATE		AIRCRAFT	BASE
SOURCE ID	PART. CATS.	(GRAMS/SEC)	SOURCE	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)
L0000001	0	0.21930E-02		465263.6	3764102.7	268.2	5.00
L0000002	0	0.21930E-02		465273.6	3764102.7	268.3	5.00
L0000003	0	0.21930E-02		465283.6	3764102.7	268.3	5.00
L0000004	0	0.21930E-02		465293.6	3764102.7	268.1	5.00
L0000005	0	0.21930E-02		465303.6	3764102.7	267.9	5.00
L0000006	0	0.21930E-02		465313.6	3764102.7	267.7	5.00
L0000007	0	0.21930E-02		465323.6	3764102.7	267.6	5.00
L0000008	0	0.21930E-02		465333.6	3764102.7	267.6	5.00
L0000009	0	0.21930E-02		465343.6	3764102.7	267.3	5.00
L0000010	0	0.21930E-02		465353.6	3764102.7	267.0	5.00
L0000011	0	0.21930E-02		465363.6	3764102.7	266.6	5.00
L0000012	0	0.21930E-02		465373.6	3764102.7	266.2	5.00
L0000013	0	0.21930E-02		465383.6	3764102.7	265.7	5.00
L0000014	0	0.21930E-02		465393.6	3764102.7	265.3	5.00
L0000015	0	0.21930E-02		465403.6	3764102.7	265.0	5.00
L0000016	0	0.21930E-02		465413.6	3764102.7	264.7	

SY (METERS)	SZ (METERS)	SOURCE SCALAR VARY BY
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO
4.65	4.65	YES NO

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5.00     4.65     4.65     YES                    NO
 L0000017         0   0.21930E-02  465423.6 3764102.7   264.5
5.00     4.65     4.65     YES                    NO
 L0000018         0   0.21930E-02  465433.6 3764102.7   264.3
5.00     4.65     4.65     YES                    NO
 L0000019         0   0.21930E-02  465443.6 3764102.7   263.7
5.00     4.65     4.65     YES                    NO
 L0000020         0   0.21930E-02  465453.0 3764100.3   261.8
5.00     4.65     4.65     YES                    NO
 L0000021         0   0.21930E-02  465461.8 3764095.6   259.5
5.00     4.65     4.65     YES                    NO
 L0000022         0   0.21930E-02  465467.1 3764089.8   257.5
5.00     4.65     4.65     YES                    NO
 L0000023         0   0.21930E-02  465462.4 3764080.9   256.8
5.00     4.65     4.65     YES                    NO
 L0000024         0   0.21930E-02  465457.7 3764072.1   256.4
5.00     4.65     4.65     YES                    NO
 L0000025         0   0.21930E-02  465453.1 3764063.3   256.0
5.00     4.65     4.65     YES                    NO
 L0000026         0   0.21930E-02  465448.4 3764054.4   255.6
5.00     4.65     4.65     YES                    NO
 L0000027         0   0.21930E-02  465443.7 3764045.6   255.4
5.00     4.65     4.65     YES                    NO
 L0000028         0   0.21930E-02  465439.1 3764036.7   255.1
5.00     4.65     4.65     YES                    NO
 L0000029         0   0.21930E-02  465434.4 3764027.9   254.9
5.00     4.65     4.65     YES                    NO
 L0000030         0   0.21930E-02  465429.7 3764019.0   254.9
5.00     4.65     4.65     YES                    NO
 L0000031         0   0.21930E-02  465425.1 3764010.2   255.1
5.00     4.65     4.65     YES                    NO
 L0000032         0   0.21930E-02  465416.0 3764008.6   257.0
5.00     4.65     4.65     YES                    NO
 L0000033         0   0.21930E-02  465406.0 3764008.6   258.7
5.00     4.65     4.65     YES                    NO
 L0000034         0   0.21930E-02  465396.0 3764008.6   260.2
5.00     4.65     4.65     YES                    NO
 L0000035         0   0.21930E-02  465386.0 3764008.6   261.6
5.00     4.65     4.65     YES                    NO
 L0000036         0   0.21930E-02  465376.0 3764008.6   262.4
5.00     4.65     4.65     YES                    NO
 L0000037         0   0.21930E-02  465374.1 3763999.7   262.1
5.00     4.65     4.65     YES                    NO
 L0000038         0   0.21930E-02  465373.2 3763989.8   261.6
5.00     4.65     4.65     YES                    NO
 L0000039         0   0.21930E-02  465371.2 3763980.6   260.2
5.00     4.65     4.65     YES                    NO
 L0000040         0   0.21930E-02  465361.7 3763977.4   260.9
5.00     4.65     4.65     YES                    NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	URBAN SOURCE	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	AIRCRAFT EMISSION RATE SCALAR VARY BY
L0000041	0	0.21930E-02	465352.3	3763974.1	261.4	5.00	4.65	4.65	YES	NO
L0000042	0	0.21930E-02	465342.8	3763970.8	262.1	5.00	4.65	4.65	YES	NO
L0000043	0	0.21930E-02	465333.4	3763967.5	262.8	5.00	4.65	4.65	YES	NO
L0000044	0	0.21930E-02	465323.9	3763964.2	263.1	5.00	4.65	4.65	YES	NO
L0000045	0	0.21930E-02	465314.5	3763961.0	263.5	5.00	4.65	4.65	YES	NO
L0000046	0	0.21930E-02	465304.9	3763958.9	263.8	5.00	4.65	4.65	YES	NO
L0000047	0	0.21930E-02	465297.8	3763956.2	263.7	5.00	4.65	4.65	YES	NO
L0000048	0	0.21930E-02	465297.1	3763946.2	262.7	5.00	4.65	4.65	YES	NO
L0000049	0	0.21930E-02	465296.5	3763936.3	261.7	5.00	4.65	4.65	YES	NO
L0000050	0	0.21930E-02	465295.8	3763926.3	260.7	5.00	4.65	4.65	YES	NO
L0000051	0	0.21930E-02	465295.1	3763916.3	259.6	5.00	4.65	4.65	YES	NO
L0000052	0	0.21930E-02	465294.4	3763906.3	258.5	5.00	4.65	4.65	YES	NO
L0000053	0	0.21930E-02	465293.8	3763896.3	257.6	5.00	4.65	4.65	YES	NO
L0000054	0	0.21930E-02	465293.1	3763886.4	256.9	5.00	4.65	4.65	YES	NO
L0000055	0	0.21930E-02	465288.8	3763878.2	257.5	5.00	4.65	4.65	YES	NO
L0000056	0	0.21930E-02	465281.3	3763871.5	259.0					

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5.00     4.65     4.65     YES                    NO
 L0000057         0   0.21930E-02  465273.8 3763864.9   260.4
5.00     4.65     4.65     YES                    NO
 L0000058         0   0.21930E-02  465267.0 3763857.7   261.3
5.00     4.65     4.65     YES                    NO
 L0000059         0   0.21930E-02  465261.8 3763849.1   261.8
5.00     4.65     4.65     YES                    NO
 L0000060         0   0.21930E-02  465256.7 3763840.6   261.9
5.00     4.65     4.65     YES                    NO
 L0000061         0   0.21930E-02  465251.5 3763832.0   261.3
5.00     4.65     4.65     YES                    NO
 L0000062         0   0.21930E-02  465244.9 3763824.6   261.4
5.00     4.65     4.65     YES                    NO
 L0000063         0   0.21930E-02  465237.3 3763818.1   262.4
5.00     4.65     4.65     YES                    NO
 L0000064         0   0.21930E-02  465229.0 3763812.6   263.3
5.00     4.65     4.65     YES                    NO
 L0000065         0   0.21930E-02  465225.5 3763815.6   264.0
5.00     4.65     4.65     YES                    NO
 L0000066         0   0.21930E-02  465233.1 3763822.1   263.9
5.00     4.65     4.65     YES                    NO
 L0000067         0   0.21930E-02  465240.7 3763828.6   263.1
5.00     4.65     4.65     YES                    NO
 L0000068         0   0.21930E-02  465245.5 3763837.2   263.5
5.00     4.65     4.65     YES                    NO
 L0000069         0   0.21930E-02  465249.1 3763846.5   263.6
5.00     4.65     4.65     YES                    NO
 L0000070         0   0.21930E-02  465252.8 3763855.8   263.9
5.00     4.65     4.65     YES                    NO
 L0000071         0   0.21930E-02  465256.5 3763865.0   264.6
5.00     4.65     4.65     YES                    NO
 L0000072         0   0.21930E-02  465258.5 3763874.8   264.9
5.00     4.65     4.65     YES                    NO
 L0000073         0   0.21930E-02  465260.5 3763884.6   264.8
5.00     4.65     4.65     YES                    NO
 L0000074         0   0.21930E-02  465262.4 3763894.5   264.6
5.00     4.65     4.65     YES                    NO
 L0000075         0   0.21930E-02  465262.4 3763904.4   264.8
5.00     4.65     4.65     YES                    NO
 L0000076         0   0.21930E-02  465262.2 3763914.4   264.9
5.00     4.65     4.65     YES                    NO
 L0000077         0   0.21930E-02  465262.0 3763924.4   265.1
5.00     4.65     4.65     YES                    NO
 L0000078         0   0.21930E-02  465261.9 3763934.4   265.2
5.00     4.65     4.65     YES                    NO
 L0000079         0   0.21930E-02  465261.7 3763944.4   265.3
5.00     4.65     4.65     YES                    NO
 L0000080         0   0.21930E-02  465261.5 3763954.4   265.4
5.00     4.65     4.65     YES                    NO
```

*** VOLUME SOURCE DATA ***

RELEASE	NUMBER EMISSION RATE INIT.	INIT.	URBAN	EMISSION RATE		AIRCRAFT	BASE
SOURCE ID	PART. CATS.	(GRAMS/SEC)	SOURCE	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)
L0000081	0	0.21930E-02	465261.4	3763964.4	265.6	5.00	4.65
L0000082	0	0.21930E-02	465261.2	3763974.4	265.7	5.00	4.65
L0000083	0	0.21930E-02	465261.0	3763984.4	265.8	5.00	4.65
L0000084	0	0.21930E-02	465260.9	3763994.4	265.9	5.00	4.65
L0000085	0	0.21930E-02	465260.7	3764004.4	266.2	5.00	4.65
L0000086	0	0.21930E-02	465260.5	3764014.4	266.3	5.00	4.65
L0000087	0	0.21930E-02	465260.4	3764024.4	266.5	5.00	4.65
L0000088	0	0.21930E-02	465260.2	3764034.4	266.7	5.00	4.65
L0000089	0	0.21930E-02	465260.0	3764044.4	266.9	5.00	4.65
L0000090	0	0.21930E-02	465259.9	3764054.4	267.2	5.00	4.65
L0000091	0	0.21930E-02	465259.7	3764064.4	267.4	5.00	4.65
L0000092	0	0.21930E-02	465259.5	3764074.4	267.6	5.00	4.65
L0000093	0	0.21930E-02	465259.4	3764084.4	267.8	5.00	4.65
L0000094	0	0.21930E-02	465260.9	3764092.8	268.0	5.00	4.65
L0000095	0	0.21930E-02	465270.9	3764092.7	268.0	5.00	4.65
L0000096	0	0.21930E-02	465280.9	3764092.7	268.0		

RELEASE	INIT.	INIT.	URBAN	EMISSION RATE		AIRCRAFT	BASE
SOURCE ID	PART. CATS.	(GRAMS/SEC)	SOURCE	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)
L0000081	0	0.21930E-02	465261.4	3763964.4	265.6	5.00	4.65
L0000082	0	0.21930E-02	465261.2	3763974.4	265.7	5.00	4.65
L0000083	0	0.21930E-02	465261.0	3763984.4	265.8	5.00	4.65
L0000084	0	0.21930E-02	465260.9	3763994.4	265.9	5.00	4.65
L0000085	0	0.21930E-02	465260.7	3764004.4	266.2	5.00	4.65
L0000086	0	0.21930E-02	465260.5	3764014.4	266.3	5.00	4.65
L0000087	0	0.21930E-02	465260.4	3764024.4	266.5	5.00	4.65
L0000088	0	0.21930E-02	465260.2	3764034.4	266.7	5.00	4.65
L0000089	0	0.21930E-02	465260.0	3764044.4	266.9	5.00	4.65
L0000090	0	0.21930E-02	465259.9	3764054.4	267.2	5.00	4.65
L0000091	0	0.21930E-02	465259.7	3764064.4	267.4	5.00	4.65
L0000092	0	0.21930E-02	465259.5	3764074.4	267.6	5.00	4.65
L0000093	0	0.21930E-02	465259.4	3764084.4	267.8	5.00	4.65
L0000094	0	0.21930E-02	465260.9	3764092.8	268.0	5.00	4.65
L0000095	0	0.21930E-02	465270.9	3764092.7	268.0	5.00	4.65
L0000096	0	0.21930E-02	465280.9	3764092.7	268.0		

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5.00     4.65     4.65     YES                     NO
 L0000097          0   0.21930E-02  465290.9 3764092.7   267.9
5.00     4.65     4.65     YES                     NO
 L0000098          0   0.21930E-02  465300.9 3764092.6   267.6
5.00     4.65     4.65     YES                     NO
 L0000099          0   0.21930E-02  465310.9 3764092.6   267.3
5.00     4.65     4.65     YES                     NO
 L0000100          0   0.21930E-02  465320.9 3764092.6   267.2
5.00     4.65     4.65     YES                     NO
 L0000101          0   0.21930E-02  465330.9 3764092.5   267.1
5.00     4.65     4.65     YES                     NO
 L0000102          0   0.21930E-02  465340.9 3764092.5   267.0
5.00     4.65     4.65     YES                     NO
 L0000103          0   0.21930E-02  465350.9 3764092.5   266.7
5.00     4.65     4.65     YES                     NO
 L0000104          0   0.21930E-02  465360.9 3764092.4   266.4
5.00     4.65     4.65     YES                     NO
 L0000105          0   0.21930E-02  465370.9 3764092.4   266.0
5.00     4.65     4.65     YES                     NO
 L0000106          0   0.21930E-02  465380.9 3764092.4   265.6
5.00     4.65     4.65     YES                     NO
 L0000107          0   0.21930E-02  465390.9 3764092.3   265.1
5.00     4.65     4.65     YES                     NO
 L0000108          0   0.21930E-02  465400.9 3764092.3   264.7
5.00     4.65     4.65     YES                     NO
 L0000109          0   0.21930E-02  465410.9 3764092.3   264.3
5.00     4.65     4.65     YES                     NO
 L0000110          0   0.21930E-02  465420.9 3764092.2   263.9
5.00     4.65     4.65     YES                     NO
 L0000111          0   0.21930E-02  465430.9 3764092.2   263.4
5.00     4.65     4.65     YES                     NO
 L0000112          0   0.21930E-02  465440.9 3764092.2   262.9
5.00     4.65     4.65     YES                     NO
 L0000113          0   0.21930E-02  465450.4 3764090.6   260.9
5.00     4.65     4.65     YES                     NO
 L0000114          0   0.21930E-02  465457.1 3764084.9   258.7
5.00     4.65     4.65     YES                     NO
 L0000115          0   0.21930E-02  465452.4 3764076.1   258.2
5.00     4.65     4.65     YES                     NO
 L0000116          0   0.21930E-02  465447.8 3764067.3   257.8
5.00     4.65     4.65     YES                     NO
 L0000117          0   0.21930E-02  465443.1 3764058.4   257.4
5.00     4.65     4.65     YES                     NO
 L0000118          0   0.21930E-02  465438.4 3764049.6   257.0
5.00     4.65     4.65     YES                     NO
 L0000119          0   0.21930E-02  465433.8 3764040.7   256.7
5.00     4.65     4.65     YES                     NO
 L0000120          0   0.21930E-02  465429.1 3764031.9   256.6
5.00     4.65     4.65     YES                     NO
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*** VOLUME SOURCE DATA ***

RELEASE	NUMBER EMISSION RATE INIT.	INIT.	URBAN	EMISSION RATE		AIRCRAFT	BASE
SOURCE ID	PART. CATS.	(GRAMS/SEC)	SOURCE	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)
	SY (METERS)	SZ (METERS)		SCALAR VARY BY			
L0000121	0	0.21930E-02		465424.4	3764023.0	256.7	5.00
	4.65	4.65	YES		NO		
L0000122	0	0.21930E-02		465419.2	3764015.2	257.1	5.00
	4.65	4.65	YES		NO		
L0000123	0	0.21930E-02		465409.2	3764015.2	259.0	5.00
	4.65	4.65	YES		NO		
L0000124	0	0.21930E-02		465399.2	3764015.2	260.4	5.00
	4.65	4.65	YES		NO		
L0000125	0	0.21930E-02		465389.2	3764015.2	261.7	5.00
	4.65	4.65	YES		NO		
L0000126	0	0.21930E-02		465379.2	3764015.2	262.5	5.00
	4.65	4.65	YES		NO		
L0000127	0	0.21930E-02		465369.2	3764015.2	263.3	5.00
	4.65	4.65	YES		NO		
L0000128	0	0.21930E-02		465364.6	3764009.3	263.4	5.00
	4.65	4.65	YES		NO		
L0000129	0	0.21930E-02		465363.9	3763999.3	263.0	5.00
	4.65	4.65	YES		NO		
L0000130	0	0.21930E-02		465363.1	3763989.4	262.6	5.00
	4.65	4.65	YES		NO		
L0000131	0	0.21930E-02		465354.0	3763985.9	262.7	5.00
	4.65	4.65	YES		NO		
L0000132	0	0.21930E-02		465344.5	3763982.8	263.1	5.00
	4.65	4.65	YES		NO		
L0000133	0	0.21930E-02		465335.0	3763979.6	263.5	5.00
	4.65	4.65	YES		NO		
L0000134	0	0.21930E-02		465325.5	3763976.5	263.7	5.00
	4.65	4.65	YES		NO		
L0000135	0	0.21930E-02		465316.1	3763973.4	263.9	5.00
	4.65	4.65	YES		NO		
L0000136	0	0.21930E-02		465306.6	3763970.2	264.1	

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5.00     4.65     4.65     YES                    NO
 L0000137         0   0.21930E-02  465297.1 3763967.1   264.3
5.00     4.65     4.65     YES                    NO
 L0000138         0   0.21930E-02  465291.1 3763961.2   264.3
5.00     4.65     4.65     YES                    NO
 L0000139         0   0.21930E-02  465290.2 3763951.2   263.7
5.00     4.65     4.65     YES                    NO
 L0000140         0   0.21930E-02  465289.3 3763941.2   263.1
5.00     4.65     4.65     YES                    NO
 L0000141         0   0.21930E-02  465288.5 3763931.3   262.6
5.00     4.65     4.65     YES                    NO
 L0000142         0   0.21930E-02  465287.6 3763921.3   262.0
5.00     4.65     4.65     YES                    NO
 L0000143         0   0.21930E-02  465286.7 3763911.4   261.4
5.00     4.65     4.65     YES                    NO
 L0000144         0   0.21930E-02  465285.8 3763901.4   260.8
5.00     4.65     4.65     YES                    NO
 L0000145         0   0.21930E-02  465285.0 3763891.4   260.1
5.00     4.65     4.65     YES                    NO
 L0000146         0   0.21930E-02  465282.9 3763882.2   259.6
5.00     4.65     4.65     YES                    NO
 L0000147         0   0.21930E-02  465274.5 3763876.8   261.2
5.00     4.65     4.65     YES                    NO
 L0000148         0   0.21930E-02  465267.2 3763876.8   263.0
5.00     4.65     4.65     YES                    NO
 L0000149         0   0.21930E-02  465267.2 3763886.8   263.4
5.00     4.65     4.65     YES                    NO
 L0000150         0   0.21930E-02  465267.3 3763896.8   263.8
5.00     4.65     4.65     YES                    NO
 L0000151         0   0.21930E-02  465267.4 3763906.8   264.1
5.00     4.65     4.65     YES                    NO
 L0000152         0   0.21930E-02  465267.5 3763916.8   264.3
5.00     4.65     4.65     YES                    NO
 L0000153         0   0.21930E-02  465267.6 3763926.8   264.6
5.00     4.65     4.65     YES                    NO
 L0000154         0   0.21930E-02  465267.7 3763936.8   264.8
5.00     4.65     4.65     YES                    NO
 L0000155         0   0.21930E-02  465267.8 3763946.8   265.0
5.00     4.65     4.65     YES                    NO
 L0000156         0   0.21930E-02  465267.9 3763956.8   265.2
5.00     4.65     4.65     YES                    NO
 L0000157         0   0.21930E-02  465268.0 3763966.8   265.3
5.00     4.65     4.65     YES                    NO
 L0000158         0   0.21930E-02  465268.1 3763976.8   265.4
5.00     4.65     4.65     YES                    NO
 L0000159         0   0.21930E-02  465268.2 3763986.8   265.6
5.00     4.65     4.65     YES                    NO
 L0000160         0   0.21930E-02  465268.3 3763996.8   265.8
5.00     4.65     4.65     YES                    NO
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*** VOLUME SOURCE DATA ***

RELEASE	NUMBER EMISSION RATE INIT.	INIT.	URBAN	EMISSION RATE	X	Y	BASE AIRCRAFT
SOURCE	PART.	(GRAMS/SEC)					ELEV.
HEIGHT	SY	SZ	SOURCE	SCALAR VARY			
ID	CATS.			(METERS)	(METERS)	(METERS)	
(METERS)	(METERS)	(METERS)		BY			
L0000161	0	0.21930E-02			465268.4	3764006.8	266.0
5.00	4.65	4.65	YES			NO	
L0000162	0	0.21930E-02			465268.5	3764016.8	266.2
5.00	4.65	4.65	YES			NO	
L0000163	0	0.21930E-02			465268.6	3764026.8	266.4
5.00	4.65	4.65	YES			NO	
L0000164	0	0.21930E-02			465268.7	3764036.8	266.7
5.00	4.65	4.65	YES			NO	
L0000165	0	0.21930E-02			465268.7	3764046.8	266.9
5.00	4.65	4.65	YES			NO	
L0000166	0	0.21930E-02			465268.8	3764056.8	267.2
5.00	4.65	4.65	YES			NO	
L0000167	0	0.21930E-02			465268.9	3764066.8	267.4
5.00	4.65	4.65	YES			NO	
L0000168	0	0.21930E-02			465269.0	3764076.8	267.6
5.00	4.65	4.65	YES			NO	
L0000169	0	0.21930E-02			465271.0	3764084.9	267.8
5.00	4.65	4.65	YES			NO	
L0000170	0	0.21930E-02			465281.0	3764084.9	267.8
5.00	4.65	4.65	YES			NO	
L0000171	0	0.21930E-02			465291.0	3764084.9	267.6
5.00	4.65	4.65	YES			NO	
L0000172	0	0.21930E-02			465301.0	3764084.9	267.2
5.00	4.65	4.65	YES			NO	
L0000173	0	0.21930E-02			465311.0	3764084.9	266.9
5.00	4.65	4.65	YES			NO	
L0000174	0	0.21930E-02			465321.0	3764084.9	266.8
5.00	4.65	4.65	YES			NO	
L0000175	0	0.21930E-02			465331.0	3764084.9	266.7
5.00	4.65	4.65	YES			NO	
L0000176	0	0.21930E-02			465341.0	3764084.9	266.6

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5.00     4.65     4.65     YES                    NO
 L0000177         0   0.21930E-02  465351.0 3764084.9   266.3
5.00     4.65     4.65     YES                    NO
 L0000178         0   0.21930E-02  465361.0 3764084.9   266.1
5.00     4.65     4.65     YES                    NO
 L0000179         0   0.21930E-02  465371.0 3764084.9   265.7
5.00     4.65     4.65     YES                    NO
 L0000180         0   0.21930E-02  465381.0 3764084.9   265.4
5.00     4.65     4.65     YES                    NO
 L0000181         0   0.21930E-02  465391.0 3764084.9   265.0
5.00     4.65     4.65     YES                    NO
 L0000182         0   0.21930E-02  465401.0 3764084.9   264.5
5.00     4.65     4.65     YES                    NO
 L0000183         0   0.21930E-02  465411.0 3764084.9   264.0
5.00     4.65     4.65     YES                    NO
 L0000184         0   0.21930E-02  465421.0 3764084.9   263.4
5.00     4.65     4.65     YES                    NO
 L0000185         0   0.21930E-02  465431.0 3764084.9   262.8
5.00     4.65     4.65     YES                    NO
 L0000186         0   0.21930E-02  465440.4 3764083.7   262.0
5.00     4.65     4.65     YES                    NO
 L0000187         0   0.21930E-02  465443.0 3764075.7   260.3
5.00     4.65     4.65     YES                    NO
 L0000188         0   0.21930E-02  465438.4 3764066.8   259.7
5.00     4.65     4.65     YES                    NO
 L0000189         0   0.21930E-02  465433.8 3764057.9   259.0
5.00     4.65     4.65     YES                    NO
 L0000190         0   0.21930E-02  465429.3 3764049.0   258.6
5.00     4.65     4.65     YES                    NO
 L0000191         0   0.21930E-02  465424.7 3764040.1   258.5
5.00     4.65     4.65     YES                    NO
 L0000192         0   0.21930E-02  465420.2 3764031.2   258.6
5.00     4.65     4.65     YES                    NO
 L0000193         0   0.21930E-02  465414.7 3764023.7   259.2
5.00     4.65     4.65     YES                    NO
 L0000194         0   0.21930E-02  465404.7 3764023.5   260.4
5.00     4.65     4.65     YES                    NO
 L0000195         0   0.21930E-02  465394.7 3764023.3   261.6
5.00     4.65     4.65     YES                    NO
 L0000196         0   0.21930E-02  465384.7 3764023.1   262.5
5.00     4.65     4.65     YES                    NO
 L0000197         0   0.21930E-02  465374.7 3764022.9   263.2
5.00     4.65     4.65     YES                    NO
 L0000198         0   0.21930E-02  465364.7 3764022.7   263.9
5.00     4.65     4.65     YES                    NO
 L0000199         0   0.21930E-02  465354.7 3764022.4   264.4
5.00     4.65     4.65     YES                    NO
 L0000200         0   0.21930E-02  465354.1 3764012.6   264.1
5.00     4.65     4.65     YES                    NO
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

RELEASE	NUMBER EMISSION RATE INIT.	INIT.	URBAN	EMISSION RATE		AIRCRAFT	BASE
SOURCE ID	PART. CATS.	(GRAMS/SEC)	SOURCE	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)
L0000201	0	0.21930E-02	465353.6	3764002.6	263.7	5.00	4.65
L0000202	0	0.21930E-02	465349.9	3763995.0	263.7	5.00	4.65
L0000203	0	0.21930E-02	465340.5	3763991.7	264.1	5.00	4.65
L0000204	0	0.21930E-02	465331.0	3763988.5	264.2	5.00	4.65
L0000205	0	0.21930E-02	465321.6	3763985.2	264.2	5.00	4.65
L0000206	0	0.21930E-02	465312.1	3763981.9	264.4	5.00	4.65
L0000207	0	0.21930E-02	465302.7	3763978.6	264.5	5.00	4.65
L0000208	0	0.21930E-02	465293.2	3763975.4	264.6	5.00	4.65
L0000209	0	0.21930E-02	465284.8	3763971.3	264.7	5.00	4.65
L0000210	0	0.21930E-02	465284.1	3763961.4	264.6	5.00	4.65
L0000211	0	0.21930E-02	465283.5	3763951.4	264.2	5.00	4.65
L0000212	0	0.21930E-02	465282.8	3763941.4	263.8	5.00	4.65
L0000213	0	0.21930E-02	465282.1	3763931.4	263.4	5.00	4.65
L0000214	0	0.21930E-02	465281.5	3763921.4	262.9	5.00	4.65
L0000215	0	0.21930E-02	465280.8	3763911.5	262.3	5.00	4.65
L0000216	0	0.21930E-02	465280.1	3763901.5	261.8		

SOURCE ID	SY (METERS)	SZ (METERS)	RELEASE HEIGHT (METERS)	URBAN SOURCE	SCALAR VARY BY
L0000201	4.65	4.65	5.00	YES	NO
L0000202	4.65	4.65	5.00	YES	NO
L0000203	4.65	4.65	5.00	YES	NO
L0000204	4.65	4.65	5.00	YES	NO
L0000205	4.65	4.65	5.00	YES	NO
L0000206	4.65	4.65	5.00	YES	NO
L0000207	4.65	4.65	5.00	YES	NO
L0000208	4.65	4.65	5.00	YES	NO
L0000209	4.65	4.65	5.00	YES	NO
L0000210	4.65	4.65	5.00	YES	NO
L0000211	4.65	4.65	5.00	YES	NO
L0000212	4.65	4.65	5.00	YES	NO
L0000213	4.65	4.65	5.00	YES	NO
L0000214	4.65	4.65	5.00	YES	NO
L0000215	4.65	4.65	5.00	YES	NO
L0000216	4.65	4.65	5.00	YES	NO

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5.00     4.65     4.65     YES                     NO
 L0000217         0   0.21930E-02  465279.5 3763891.5   261.2
5.00     4.65     4.65     YES                     NO
 L0000218         0   0.21930E-02  465273.9 3763883.8   261.8
5.00     4.65     4.65     YES                     NO
 L0000219         0   0.21930E-02  465273.3 3763892.4   262.4
5.00     4.65     4.65     YES                     NO
 L0000220         0   0.21930E-02  465273.5 3763902.4   262.9
5.00     4.65     4.65     YES                     NO
 L0000221         0   0.21930E-02  465273.6 3763912.4   263.4
5.00     4.65     4.65     YES                     NO
 L0000222         0   0.21930E-02  465273.8 3763922.4   263.8
5.00     4.65     4.65     YES                     NO
 L0000223         0   0.21930E-02  465273.9 3763932.4   264.2
5.00     4.65     4.65     YES                     NO
 L0000224         0   0.21930E-02  465274.0 3763942.4   264.4
5.00     4.65     4.65     YES                     NO
 L0000225         0   0.21930E-02  465274.2 3763952.4   264.7
5.00     4.65     4.65     YES                     NO
 L0000226         0   0.21930E-02  465274.3 3763962.4   265.0
5.00     4.65     4.65     YES                     NO
 L0000227         0   0.21930E-02  465274.5 3763972.4   265.2
5.00     4.65     4.65     YES                     NO
 L0000228         0   0.21930E-02  465274.6 3763982.4   265.3
5.00     4.65     4.65     YES                     NO
 L0000229         0   0.21930E-02  465274.7 3763992.4   265.5
5.00     4.65     4.65     YES                     NO
 L0000230         0   0.21930E-02  465274.9 3764002.4   265.7
5.00     4.65     4.65     YES                     NO
 L0000231         0   0.21930E-02  465275.0 3764012.4   266.0
5.00     4.65     4.65     YES                     NO
 L0000232         0   0.21930E-02  465275.1 3764022.4   266.2
5.00     4.65     4.65     YES                     NO
 L0000233         0   0.21930E-02  465275.3 3764032.4   266.5
5.00     4.65     4.65     YES                     NO
 L0000234         0   0.21930E-02  465275.4 3764042.4   266.8
5.00     4.65     4.65     YES                     NO
 L0000235         0   0.21930E-02  465275.6 3764052.4   267.0
5.00     4.65     4.65     YES                     NO
 L0000236         0   0.21930E-02  465275.7 3764062.4   267.3
5.00     4.65     4.65     YES                     NO
 L0000237         0   0.21930E-02  465275.8 3764072.4   267.5
5.00     4.65     4.65     YES                     NO
 L0000238         0   0.21930E-02  465277.7 3764080.6   267.7
5.00     4.65     4.65     YES                     NO
 L0000239         0   0.21930E-02  465287.7 3764080.5   267.6
5.00     4.65     4.65     YES                     NO
 L0000240         0   0.21930E-02  465297.7 3764080.4   267.2
5.00     4.65     4.65     YES                     NO
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*** VOLUME SOURCE DATA ***

RELEASE	NUMBER EMISSION RATE INIT.	INIT.	URBAN	EMISSION RATE		BASE AIRCRAFT	
SOURCE ID	PART. CATS.	(GRAMS/SEC)	SOURCE	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)
L0000241	0	0.21930E-02	465307.7	3764080.3	266.9	5.00	4.65
L0000242	0	0.21930E-02	465317.7	3764080.2	266.7	5.00	4.65
L0000243	0	0.21930E-02	465327.7	3764080.1	266.6	5.00	4.65
L0000244	0	0.21930E-02	465337.7	3764080.0	266.5	5.00	4.65
L0000245	0	0.21930E-02	465347.7	3764080.0	266.2	5.00	4.65
L0000246	0	0.21930E-02	465357.7	3764079.9	266.0	5.00	4.65
L0000247	0	0.21930E-02	465367.7	3764079.8	265.7	5.00	4.65
L0000248	0	0.21930E-02	465377.7	3764079.7	265.3	5.00	4.65
L0000249	0	0.21930E-02	465387.7	3764079.6	264.9	5.00	4.65
L0000250	0	0.21930E-02	465397.7	3764079.5	264.4	5.00	4.65
L0000251	0	0.21930E-02	465407.7	3764079.4	263.8	5.00	4.65
L0000252	0	0.21930E-02	465417.7	3764079.3	263.2	5.00	4.65
L0000253	0	0.21930E-02	465427.7	3764079.3	262.4	5.00	4.65
L0000254	0	0.21930E-02	465437.5	3764078.8	261.5	5.00	4.65
L0000255	0	0.21930E-02	465435.7	3764070.0	260.4	5.00	4.65
L0000256	0	0.21930E-02	465430.8	3764061.3	259.9		

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5.00     4.65     4.65     YES                    NO
 L0000257         0   0.21930E-02  465425.9 3764052.5   259.6
5.00     4.65     4.65     YES                    NO
 L0000258         0   0.21930E-02  465421.0 3764043.8   259.6
5.00     4.65     4.65     YES                    NO
 L0000259         0   0.21930E-02  465416.1 3764035.1   259.8
5.00     4.65     4.65     YES                    NO
 L0000260         0   0.21930E-02  465410.3 3764028.1   260.1
5.00     4.65     4.65     YES                    NO
 L0000261         0   0.21930E-02  465400.3 3764027.9   261.2
5.00     4.65     4.65     YES                    NO
 L0000262         0   0.21930E-02  465390.3 3764027.8   262.3
5.00     4.65     4.65     YES                    NO
 L0000263         0   0.21930E-02  465380.3 3764027.7   263.0
5.00     4.65     4.65     YES                    NO
 L0000264         0   0.21930E-02  465370.3 3764027.6   263.7
5.00     4.65     4.65     YES                    NO
 L0000265         0   0.21930E-02  465360.3 3764027.5   264.3
5.00     4.65     4.65     YES                    NO
 L0000266         0   0.21930E-02  465350.3 3764027.4   264.7
5.00     4.65     4.65     YES                    NO
 L0000267         0   0.21930E-02  465348.2 3764019.3   264.6
5.00     4.65     4.65     YES                    NO
 L0000268         0   0.21930E-02  465347.9 3764009.3   264.2
5.00     4.65     4.65     YES                    NO
 L0000269         0   0.21930E-02  465345.8 3764000.6   264.1
5.00     4.65     4.65     YES                    NO
 L0000270         0   0.21930E-02  465336.4 3763997.1   264.4
5.00     4.65     4.65     YES                    NO
 L0000271         0   0.21930E-02  465327.0 3763993.6   264.5
5.00     4.65     4.65     YES                    NO
 L0000272         0   0.21930E-02  465317.7 3763990.1   264.5
5.00     4.65     4.65     YES                    NO
 L0000273         0   0.21930E-02  465308.3 3763986.6   264.6
5.00     4.65     4.65     YES                    NO
 L0000274         0   0.21930E-02  465298.9 3763983.1   264.7
5.00     4.65     4.65     YES                    NO
 L0000275         0   0.21930E-02  465289.6 3763979.6   264.8
5.00     4.65     4.65     YES                    NO
 L0000276         0   0.21930E-02  465281.8 3763974.3   264.9
5.00     4.65     4.65     YES                    NO
 L0000277         0   0.21930E-02  465281.2 3763964.3   264.8
5.00     4.65     4.65     YES                    NO
 L0000278         0   0.21930E-02  465280.7 3763954.3   264.5
5.00     4.65     4.65     YES                    NO
 L0000279         0   0.21930E-02  465280.1 3763944.3   264.1
5.00     4.65     4.65     YES                    NO
 L0000280         0   0.21930E-02  465279.6 3763934.3   263.8
5.00     4.65     4.65     YES                    NO
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*** VOLUME SOURCE DATA ***

RELEASE	NUMBER EMISSION RATE INIT.	INIT.	URBAN	EMISSION RATE	X	Y	BASE AIRCRAFT
SOURCE ID	PART. CATS.	(GRAMS/SEC)	SOURCE	SCALAR VARY BY	(METERS)	(METERS)	ELEV. (METERS)
HEIGHT (METERS)	SY (METERS)	SZ (METERS)					
L0000281	0	0.21930E-02			465279.0	3763924.3	263.3
5.00	4.65	4.65	YES	NO			
L0000282	0	0.21930E-02			465278.5	3763914.4	262.8
5.00	4.65	4.65	YES	NO			
L0000283	0	0.21930E-02			465277.9	3763904.4	262.3
5.00	4.65	4.65	YES	NO			
L0000284	0	0.21930E-02			465275.7	3763903.1	262.6
5.00	4.65	4.65	YES	NO			
L0000285	0	0.21930E-02			465276.0	3763913.1	263.1
5.00	4.65	4.65	YES	NO			
L0000286	0	0.21930E-02			465276.4	3763923.1	263.5
5.00	4.65	4.65	YES	NO			
L0000287	0	0.21930E-02			465276.7	3763933.1	263.9
5.00	4.65	4.65	YES	NO			
L0000288	0	0.21930E-02			465277.0	3763943.1	264.3
5.00	4.65	4.65	YES	NO			
L0000289	0	0.21930E-02			465277.3	3763953.1	264.6
5.00	4.65	4.65	YES	NO			
L0000290	0	0.21930E-02			465277.7	3763963.1	264.9
5.00	4.65	4.65	YES	NO			
L0000291	0	0.21930E-02			465278.0	3763973.1	265.0
5.00	4.65	4.65	YES	NO			
L0000292	0	0.21930E-02			465278.3	3763983.1	265.2
5.00	4.65	4.65	YES	NO			
L0000293	0	0.21930E-02			465278.7	3763993.1	265.4
5.00	4.65	4.65	YES	NO			
L0000294	0	0.21930E-02			465279.0	3764003.0	265.6
5.00	4.65	4.65	YES	NO			
L0000295	0	0.21930E-02			465279.3	3764013.0	265.9
5.00	4.65	4.65	YES	NO			
L0000296	0	0.21930E-02			465279.7	3764023.0	266.2

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5.00     4.65     4.65     YES                    NO
 L0000297         0   0.21930E-02  465280.0 3764033.0   266.4
5.00     4.65     4.65     YES                    NO
 L0000298         0   0.21930E-02  465280.3 3764043.0   266.7
5.00     4.65     4.65     YES                    NO
 L0000299         0   0.21930E-02  465280.6 3764053.0   267.0
5.00     4.65     4.65     YES                    NO
 L0000300         0   0.21930E-02  465281.0 3764063.0   267.2
5.00     4.65     4.65     YES                    NO
 L0000301         0   0.21930E-02  465281.3 3764073.0   267.5
5.00     4.65     4.65     YES                    NO
 L0000302         0   0.21930E-02  465287.0 3764077.4   267.5
5.00     4.65     4.65     YES                    NO
 L0000303         0   0.21930E-02  465297.0 3764077.2   267.2
5.00     4.65     4.65     YES                    NO
 L0000304         0   0.21930E-02  465307.0 3764077.0   266.8
5.00     4.65     4.65     YES                    NO
 L0000305         0   0.21930E-02  465317.0 3764076.7   266.6
5.00     4.65     4.65     YES                    NO
 L0000306         0   0.21930E-02  465327.0 3764076.5   266.5
5.00     4.65     4.65     YES                    NO
 L0000307         0   0.21930E-02  465336.9 3764076.3   266.4
5.00     4.65     4.65     YES                    NO
 L0000308         0   0.21930E-02  465346.9 3764076.1   266.2
5.00     4.65     4.65     YES                    NO
 L0000309         0   0.21930E-02  465356.9 3764075.9   265.9
5.00     4.65     4.65     YES                    NO
 L0000310         0   0.21930E-02  465366.9 3764075.7   265.6
5.00     4.65     4.65     YES                    NO
 L0000311         0   0.21930E-02  465376.9 3764075.5   265.2
5.00     4.65     4.65     YES                    NO
 L0000312         0   0.21930E-02  465386.9 3764075.3   264.7
5.00     4.65     4.65     YES                    NO
 L0000313         0   0.21930E-02  465396.9 3764075.1   264.2
5.00     4.65     4.65     YES                    NO
 L0000314         0   0.21930E-02  465406.9 3764074.8   263.6
5.00     4.65     4.65     YES                    NO
 L0000315         0   0.21930E-02  465416.9 3764074.6   262.9
5.00     4.65     4.65     YES                    NO
 L0000316         0   0.21930E-02  465426.9 3764074.4   261.9
5.00     4.65     4.65     YES                    NO
 L0000317         0   0.21930E-02  465427.7 3764068.4   261.1
5.00     4.65     4.65     YES                    NO
 L0000318         0   0.21930E-02  465422.8 3764059.7   260.8
5.00     4.65     4.65     YES                    NO
 L0000319         0   0.21930E-02  465417.9 3764051.0   260.8
5.00     4.65     4.65     YES                    NO
 L0000320         0   0.21930E-02  465413.0 3764042.3   260.8
5.00     4.65     4.65     YES                    NO
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*** VOLUME SOURCE DATA ***

RELEASE	NUMBER EMISSION RATE INIT.	INIT.	URBAN	EMISSION RATE		BASE AIRCRAFT	
SOURCE ID	PART. CATS.	(GRAMS/SEC)	SOURCE	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)
L0000321	0	0.21930E-02	465408.1	3764033.5	260.7	5.00	4.65
L0000322	0	0.21930E-02	465398.5	3764032.8	261.7	5.00	4.65
L0000323	0	0.21930E-02	465388.5	3764032.8	262.7	5.00	4.65
L0000324	0	0.21930E-02	465378.5	3764032.7	263.3	5.00	4.65
L0000325	0	0.21930E-02	465368.5	3764032.7	264.0	5.00	4.65
L0000326	0	0.21930E-02	465358.5	3764032.6	264.5	5.00	4.65
L0000327	0	0.21930E-02	465348.5	3764032.6	264.9	5.00	4.65
L0000328	0	0.21930E-02	465340.7	3764030.2	265.2	5.00	4.65
L0000329	0	0.21930E-02	465340.3	3764020.2	264.9	5.00	4.65
L0000330	0	0.21930E-02	465339.9	3764010.2	264.7	5.00	4.65
L0000331	0	0.21930E-02	465332.8	3764004.9	264.7	5.00	4.65
L0000332	0	0.21930E-02	465323.6	3764001.0	264.7	5.00	4.65
L0000333	0	0.21930E-02	465314.4	3763997.1	264.8	5.00	4.65
L0000334	0	0.21930E-02	465305.2	3763993.1	264.8	5.00	4.65
L0000335	0	0.21930E-02	465296.0	3763989.2	264.9	5.00	4.65
L0000336	0	0.21930E-02	465286.8	3763985.3	264.9		

RELEASE	INIT.	URBAN	EMISSION RATE		AIRCRAFT		
SOURCE ID	SY (METERS)	SZ (METERS)	SOURCE	SCALAR VARY BY			
L0000321	4.65	4.65	YES	NO			
L0000322	4.65	4.65	YES	NO			
L0000323	4.65	4.65	YES	NO			
L0000324	4.65	4.65	YES	NO			
L0000325	4.65	4.65	YES	NO			
L0000326	4.65	4.65	YES	NO			
L0000327	4.65	4.65	YES	NO			
L0000328	4.65	4.65	YES	NO			
L0000329	4.65	4.65	YES	NO			
L0000330	4.65	4.65	YES	NO			
L0000331	4.65	4.65	YES	NO			
L0000332	4.65	4.65	YES	NO			
L0000333	4.65	4.65	YES	NO			
L0000334	4.65	4.65	YES	NO			
L0000335	4.65	4.65	YES	NO			
L0000336							

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5.00     4.65     4.65     YES                    NO
 L0000337         0   0.21930E-02  465283.4 3763989.9   265.1
5.00     4.65     4.65     YES                    NO
 L0000338         0   0.21930E-02  465283.7 3763999.9   265.4
5.00     4.65     4.65     YES                    NO
 L0000339         0   0.21930E-02  465284.1 3764009.9   265.7
5.00     4.65     4.65     YES                    NO
 L0000340         0   0.21930E-02  465284.4 3764019.9   266.0
5.00     4.65     4.65     YES                    NO
 L0000341         0   0.21930E-02  465284.8 3764029.9   266.3
5.00     4.65     4.65     YES                    NO
 L0000342         0   0.21930E-02  465285.1 3764039.8   266.6
5.00     4.65     4.65     YES                    NO
 L0000343         0   0.21930E-02  465285.4 3764049.8   266.9
5.00     4.65     4.65     YES                    NO
 L0000344         0   0.21930E-02  465285.8 3764059.8   267.2
5.00     4.65     4.65     YES                    NO
 L0000345         0   0.21930E-02  465286.1 3764069.8   267.4
5.00     4.65     4.65     YES                    NO
 L0000346         0   0.21930E-02  465292.7 3764073.2   267.2
5.00     4.65     4.65     YES                    NO
 L0000347         0   0.21930E-02  465302.7 3764072.9   266.9
5.00     4.65     4.65     YES                    NO
 L0000348         0   0.21930E-02  465312.7 3764072.6   266.5
5.00     4.65     4.65     YES                    NO
 L0000349         0   0.21930E-02  465322.7 3764072.2   266.4
5.00     4.65     4.65     YES                    NO
 L0000350         0   0.21930E-02  465332.7 3764071.9   266.4
5.00     4.65     4.65     YES                    NO
 L0000351         0   0.21930E-02  465342.7 3764071.6   266.2
5.00     4.65     4.65     YES                    NO
 L0000352         0   0.21930E-02  465352.7 3764071.3   265.9
5.00     4.65     4.65     YES                    NO
 L0000353         0   0.21930E-02  465362.7 3764071.0   265.5
5.00     4.65     4.65     YES                    NO
 L0000354         0   0.21930E-02  465372.7 3764070.7   265.1
5.00     4.65     4.65     YES                    NO
 L0000355         0   0.21930E-02  465382.7 3764070.4   264.7
5.00     4.65     4.65     YES                    NO
 L0000356         0   0.21930E-02  465392.7 3764070.1   264.2
5.00     4.65     4.65     YES                    NO
 L0000357         0   0.21930E-02  465402.6 3764069.8   263.5
5.00     4.65     4.65     YES                    NO
 L0000358         0   0.21930E-02  465412.6 3764069.5   262.8
5.00     4.65     4.65     YES                    NO
 L0000359         0   0.21930E-02  465417.9 3764066.4   262.1
5.00     4.65     4.65     YES                    NO
 L0000360         0   0.21930E-02  465413.2 3764057.6   262.0
5.00     4.65     4.65     YES                    NO
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

RELEASE	NUMBER EMISSION RATE INIT.	INIT.	URBAN	EMISSION RATE		AIRCRAFT	BASE			
SOURCE ID	PART. CATS.	(GRAMS/SEC)	SOURCE	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE VARY BY
L0000361	0	0.21930E-02		465408.5	3764048.8	261.7	5.00	4.65	4.65	YES NO
L0000362	0	0.21930E-02		465403.8	3764039.9	261.6	5.00	4.65	4.65	YES NO
L0000363	0	0.21930E-02		465394.7	3764038.3	262.4	5.00	4.65	4.65	YES NO
L0000364	0	0.21930E-02		465384.7	3764038.3	263.2	5.00	4.65	4.65	YES NO
L0000365	0	0.21930E-02		465374.7	3764038.2	263.8	5.00	4.65	4.65	YES NO
L0000366	0	0.21930E-02		465364.7	3764038.2	264.4	5.00	4.65	4.65	YES NO
L0000367	0	0.21930E-02		465354.7	3764038.1	264.8	5.00	4.65	4.65	YES NO
L0000368	0	0.21930E-02		465344.7	3764038.1	265.2	5.00	4.65	4.65	YES NO
L0000369	0	0.21930E-02		465335.3	3764037.4	265.5	5.00	4.65	4.65	YES NO
L0000370	0	0.21930E-02		465334.8	3764027.4	265.2	5.00	4.65	4.65	YES NO
L0000371	0	0.21930E-02		465334.4	3764017.4	265.0	5.00	4.65	4.65	YES NO
L0000372	0	0.21930E-02		465327.1	3764012.0	264.9	5.00	4.65	4.65	YES NO
L0000373	0	0.21930E-02		465318.1	3764007.8	264.9	5.00	4.65	4.65	YES NO
L0000374	0	0.21930E-02		465309.0	3764003.5	265.0	5.00	4.65	4.65	YES NO
L0000375	0	0.21930E-02		465300.0	3763999.2	265.1	5.00	4.65	4.65	YES NO
L0000376	0	0.21930E-02		465290.9	3763995.0	265.1				

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5.00     4.65     4.65     YES                    NO
 L0000377          0   0.21930E-02  465289.3 3764002.0   265.3
5.00     4.65     4.65     YES                    NO
 L0000378          0   0.21930E-02  465289.7 3764012.0   265.6
5.00     4.65     4.65     YES                    NO
 L0000379          0   0.21930E-02  465290.0 3764022.0   265.9
5.00     4.65     4.65     YES                    NO
 L0000380          0   0.21930E-02  465290.4 3764032.0   266.2
5.00     4.65     4.65     YES                    NO
 L0000381          0   0.21930E-02  465290.8 3764042.0   266.5
5.00     4.65     4.65     YES                    NO
 L0000382          0   0.21930E-02  465291.1 3764052.0   266.8
5.00     4.65     4.65     YES                    NO
 L0000383          0   0.21930E-02  465291.5 3764061.9   267.0
5.00     4.65     4.65     YES                    NO
 L0000384          0   0.21930E-02  465295.5 3764068.1   267.0
5.00     4.65     4.65     YES                    NO
 L0000385          0   0.21930E-02  465305.5 3764067.9   266.6
5.00     4.65     4.65     YES                    NO
 L0000386          0   0.21930E-02  465315.4 3764067.6   266.4
5.00     4.65     4.65     YES                    NO
 L0000387          0   0.21930E-02  465325.4 3764067.3   266.3
5.00     4.65     4.65     YES                    NO
 L0000388          0   0.21930E-02  465335.4 3764067.0   266.2
5.00     4.65     4.65     YES                    NO
 L0000389          0   0.21930E-02  465345.4 3764066.8   265.9
5.00     4.65     4.65     YES                    NO
 L0000390          0   0.21930E-02  465355.4 3764066.5   265.6
5.00     4.65     4.65     YES                    NO
 L0000391          0   0.21930E-02  465365.4 3764066.2   265.3
5.00     4.65     4.65     YES                    NO
 L0000392          0   0.21930E-02  465375.4 3764065.9   264.8
5.00     4.65     4.65     YES                    NO
 L0000393          0   0.21930E-02  465385.4 3764065.7   264.4
5.00     4.65     4.65     YES                    NO
 L0000394          0   0.21930E-02  465395.4 3764065.4   263.8
5.00     4.65     4.65     YES                    NO
 L0000395          0   0.21930E-02  465404.8 3764064.8   263.1
5.00     4.65     4.65     YES                    NO
 L0000396          0   0.21930E-02  465401.1 3764055.5   262.8
5.00     4.65     4.65     YES                    NO
 L0000397          0   0.21930E-02  465397.4 3764046.2   262.5
5.00     4.65     4.65     YES                    NO
 L0000398          0   0.21930E-02  465388.9 3764043.9   263.2
5.00     4.65     4.65     YES                    NO
 L0000399          0   0.21930E-02  465378.9 3764043.9   263.7
5.00     4.65     4.65     YES                    NO
 L0000400          0   0.21930E-02  465368.9 3764044.0   264.3
5.00     4.65     4.65     YES                    NO
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000401	0	0.21930E-02	465358.9	3764044.0	264.8	5.00	4.65	4.65	YES		NO
L0000402	0	0.21930E-02	465348.9	3764044.1	265.2	5.00	4.65	4.65	YES		NO
L0000403	0	0.21930E-02	465338.9	3764044.1	265.6	5.00	4.65	4.65	YES		NO
L0000404	0	0.21930E-02	465328.9	3764044.2	265.7	5.00	4.65	4.65	YES		NO
L0000405	0	0.21930E-02	465323.0	3764039.8	265.6	5.00	4.65	4.65	YES		NO
L0000406	0	0.21930E-02	465322.1	3764029.9	265.4	5.00	4.65	4.65	YES		NO
L0000407	0	0.21930E-02	465321.3	3764019.9	265.2	5.00	4.65	4.65	YES		NO
L0000408	0	0.21930E-02	465313.1	3764014.8	265.2	5.00	4.65	4.65	YES		NO
L0000409	0	0.21930E-02	465304.2	3764010.2	265.2	5.00	4.65	4.65	YES		NO
L0000410	0	0.21930E-02	465295.9	3764006.3	265.3	5.00	4.65	4.65	YES		NO
L0000411	0	0.21930E-02	465296.2	3764016.3	265.6	5.00	4.65	4.65	YES		NO
L0000412	0	0.21930E-02	465296.6	3764026.3	265.9	5.00	4.65	4.65	YES		NO
L0000413	0	0.21930E-02	465296.9	3764036.3	266.1	5.00	4.65	4.65	YES		NO
L0000414	0	0.21930E-02	465297.3	3764046.3	266.4	5.00	4.65	4.65	YES		NO
L0000415	0	0.21930E-02	465297.7	3764056.3	266.6	5.00	4.65	4.65	YES		NO
L0000416	0	0.21930E-02	465300.4	3764063.7	266.7						

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5.00     4.65     4.65     YES                    NO
 L0000417         0   0.21930E-02  465310.4 3764063.4   266.3
5.00     4.65     4.65     YES                    NO
 L0000418         0   0.21930E-02  465320.4 3764063.0   266.2
5.00     4.65     4.65     YES                    NO
 L0000419         0   0.21930E-02  465330.4 3764062.7   266.1
5.00     4.65     4.65     YES                    NO
 L0000420         0   0.21930E-02  465340.4 3764062.4   266.0
5.00     4.65     4.65     YES                    NO
 L0000421         0   0.21930E-02  465350.4 3764062.0   265.6
5.00     4.65     4.65     YES                    NO
 L0000422         0   0.21930E-02  465360.4 3764061.7   265.3
5.00     4.65     4.65     YES                    NO
 L0000423         0   0.21930E-02  465370.4 3764061.4   264.9
5.00     4.65     4.65     YES                    NO
 L0000424         0   0.21930E-02  465380.4 3764061.0   264.4
5.00     4.65     4.65     YES                    NO
 L0000425         0   0.21930E-02  465390.4 3764060.7   263.9
5.00     4.65     4.65     YES                    NO
 L0000426         0   0.21930E-02  465389.7 3764051.7   263.5
5.00     4.65     4.65     YES                    NO
 L0000427         0   0.21930E-02  465380.6 3764050.6   263.9
5.00     4.65     4.65     YES                    NO
 L0000428         0   0.21930E-02  465370.6 3764050.4   264.4
5.00     4.65     4.65     YES                    NO
 L0000429         0   0.21930E-02  465360.6 3764050.2   264.9
5.00     4.65     4.65     YES                    NO
 L0000430         0   0.21930E-02  465350.6 3764050.0   265.3
5.00     4.65     4.65     YES                    NO
 L0000431         0   0.21930E-02  465340.6 3764049.8   265.7
5.00     4.65     4.65     YES                    NO
 L0000432         0   0.21930E-02  465330.6 3764049.6   265.8
5.00     4.65     4.65     YES                    NO
 L0000433         0   0.21930E-02  465320.6 3764049.4   265.9
5.00     4.65     4.65     YES                    NO
 L0000434         0   0.21930E-02  465316.9 3764042.8   265.8
5.00     4.65     4.65     YES                    NO
 L0000435         0   0.21930E-02  465316.5 3764032.8   265.5
5.00     4.65     4.65     YES                    NO
 L0000436         0   0.21930E-02  465314.8 3764023.6   265.4
5.00     4.65     4.65     YES                    NO
 L0000437         0   0.21930E-02  465305.8 3764019.2   265.4
5.00     4.65     4.65     YES                    NO
 L0000438         0   0.21930E-02  465304.0 3764025.8   265.7
5.00     4.65     4.65     YES                    NO
 L0000439         0   0.21930E-02  465304.4 3764035.8   265.9
5.00     4.65     4.65     YES                    NO
 L0000440         0   0.21930E-02  465304.7 3764045.8   266.1
5.00     4.65     4.65     YES                    NO
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. CATS.	INIT. (GRAMS/SEC)	INIT. URBAN SOURCE	EMISSION RATE X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	AIRCRAFT SY (METERS)	SZ (METERS)	SCALAR VARY BY
L0000441	0	0.21930E-02	465305.1	3764055.8	266.4	5.00	4.65	4.65	YES	NO
L0000442	0	0.21930E-02	465313.3	3764057.5	266.1	5.00	4.65	4.65	YES	NO
L0000443	0	0.21930E-02	465323.3	3764057.4	266.1	5.00	4.65	4.65	YES	NO
L0000444	0	0.21930E-02	465333.3	3764057.3	266.0	5.00	4.65	4.65	YES	NO
L0000445	0	0.21930E-02	465343.3	3764057.3	265.8	5.00	4.65	4.65	YES	NO
L0000446	0	0.21930E-02	465353.3	3764057.2	265.4	5.00	4.65	4.65	YES	NO
L0000447	0	0.21930E-02	465363.3	3764057.1	265.0	5.00	4.65	4.65	YES	NO
L0000448	0	0.21930E-02	465373.3	3764057.0	264.5	5.00	4.65	4.65	YES	NO
L0000449	0	0.21930E-02	465383.3	3764056.9	264.1	5.00	4.65	4.65	YES	NO
L0000450	0	0.21930E-02	465377.4	3764053.4	264.2	5.00	4.65	4.65	YES	NO
L0000451	0	0.21930E-02	465367.4	3764053.4	264.7	5.00	4.65	4.65	YES	NO
L0000452	0	0.21930E-02	465357.4	3764053.4	265.1	5.00	4.65	4.65	YES	NO
L0000453	0	0.21930E-02	465347.4	3764053.3	265.5	5.00	4.65	4.65	YES	NO
L0000454	0	0.21930E-02	465337.4	3764053.3	265.9	5.00	4.65	4.65	YES	NO
L0000455	0	0.21930E-02	465327.4	3764053.2	265.9	5.00	4.65	4.65	YES	NO
L0000456	0	0.21930E-02	465317.4	3764053.2	266.0					

5.00	4.65	4.65	YES		NO

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 ,
	L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 ,
	L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 ,
	L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , L0000047 , L0000048 ,
	L0000049 , L0000050 , L0000051 , L0000052 , L0000053 , L0000054 , L0000055 , L0000056 ,
	L0000057 , L0000058 , L0000059 , L0000060 , L0000061 , L0000062 , L0000063 , L0000064 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	2189641.	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
		L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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L0000353 , L0000354 , L0000355 , L0000356 , L0000357 , L0000358 , L0000359 , L0000360 ,

L0000361 , L0000362 , L0000363 , L0000364 , L0000365 , L0000366 , L0000367 , L0000368 ,

L0000369 , L0000370 , L0000371 , L0000372 , L0000373 , L0000374 , L0000375 , L0000376 ,

L0000377 , L0000378 , L0000379 , L0000380 , L0000381 , L0000382 , L0000383 , L0000384 ,

L0000385 , L0000386 , L0000387 , L0000388 , L0000389 , L0000390 , L0000391 ,

```
L0000392    ,

             L0000393    , L0000394    , L0000395    ,
L0000396    , L0000397    , L0000398    , L0000399    ,
L0000400    ,

             L0000401    , L0000402    , L0000403    ,
L0000404    , L0000405    , L0000406    , L0000407    ,
L0000408    ,

             L0000409    , L0000410    , L0000411    ,
L0000412    , L0000413    , L0000414    , L0000415    ,
L0000416    ,

             L0000417    , L0000418    , L0000419    ,
L0000420    , L0000421    , L0000422    , L0000423    ,
L0000424    ,

             L0000425    , L0000426    , L0000427    ,
L0000428    , L0000429    , L0000430    , L0000431    ,
L0000432    ,

             L0000433    , L0000434    , L0000435    ,
L0000436    , L0000437    , L0000438    , L0000439    ,
L0000440    ,

             L0000441    , L0000442    , L0000443    ,
L0000444    , L0000445    , L0000446    , L0000447    ,
L0000448    ,

             L0000449    , L0000450    , L0000451    ,
L0000452    , L0000453    , L0000454    , L0000455    ,
L0000456    ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: NCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***

(METERS)

465780.0, 465795.7, 465811.4, 465827.1, 465842.8, 465858.5, 465874.2, 465889.9, 465905.6, 465921.3,
465937.0, 465952.8, 465968.5, 465984.2, 465999.9, 466015.6, 466031.3, 466047.0, 466062.7, 466078.4,
466094.1,

*** Y-COORDINATES OF GRID ***

(METERS)

3763442.7, 3763462.7, 3763482.8, 3763502.9, 3763523.0, 3763543.1, 3763563.1, 3763583.2, 3763603.3, 3763623.4,
3763643.5, 3763663.5, 3763683.6, 3763703.7, 3763723.8, 3763743.9, 3763763.9, 3763784.0, 3763804.1, 3763824.2,
3763844.3,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: NCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	465779.96	465795.67	465811.38	465827.08	465842.79	465858.50	465874.21	465889.92	465905.62
3763844.26	250.30	251.50	251.50	251.20	251.20	251.40	251.60	251.70	251.80
3763824.18	251.00	251.60	251.60	251.50	251.70	251.90	252.00	252.00	251.90
3763804.10	251.50	251.10	251.70	252.40	252.50	252.50	252.40	252.30	252.10
3763784.02	251.30	251.40	252.10	252.60	252.60	252.60	252.60	252.60	252.60
3763763.94	251.30	251.80	252.30	252.60	252.60	252.60	252.70	252.80	252.80
3763743.86	251.50	252.30	252.40	252.30	252.50	252.60	252.70	252.70	252.70
3763723.78	251.90	252.30	252.30	252.30	252.60	252.80	253.00	253.00	253.00
3763703.70	252.20	252.20	252.20	252.40	252.70	252.90	253.10	253.20	253.20
3763683.62	252.10	252.00	252.30	252.50	252.80	253.00	253.10	253.20	253.20
3763663.54	252.00	252.10	252.30	252.60	252.90	252.90	252.90	253.00	

253.10
  3763643.46 | 251.90   252.10   252.40
252.70   252.90   252.80   252.70   252.90
253.00
  3763623.38 | 252.00   252.20   252.50
252.70   252.70   252.70   252.60   252.70
252.80
  3763603.30 | 252.00   252.10   252.30
252.50   252.50   252.50   252.50   252.60
252.60
  3763583.22 | 251.90   252.10   252.20
252.30   252.30   252.40   252.40   252.40
252.40
  3763563.14 | 252.00   252.10   252.20
252.30   252.30   252.30   252.30   252.20
252.10
  3763543.06 | 251.50   251.70   251.80
252.00   252.10   252.20   252.20   252.10
252.00
  3763522.98 | 250.80   251.00   251.30
251.50   251.80   251.90   252.10   252.00
251.90
  3763502.90 | 250.30   250.50   250.70
250.90   251.10   251.30   251.50   251.30
251.20
  3763482.82 | 250.40   250.50   250.50
250.60   250.80   251.00   251.10   250.90
250.70
  3763462.74 | 250.60   250.70   250.60
250.50   250.60   250.80   250.90   250.60
250.40
  3763442.66 | 250.70   250.60   250.50
250.50   250.60   250.70   250.60   250.30
250.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: NCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)											
	465921.33	465937.04	465952.75	465968.46	465984.17	465999.87	466015.58	466031.29	466047.00			
3763844.26	251.80	251.70	251.50	251.40	251.40	251.30	251.40	251.50	251.60			
3763824.18	251.90	251.70	251.60	251.60	251.60	251.50	251.60	251.70	251.80			
3763804.10	251.90	251.80	251.70	251.80	251.90	251.80	251.90	252.10	252.20			
3763784.02	252.30	252.10	252.10	252.10	252.10	252.00	252.10	252.30	252.40			
3763763.94	252.50	252.50	252.50	252.50	252.50	252.40	252.40	252.50	252.50			
3763743.86	252.60	252.80	253.10	253.10	253.10	252.80	252.70	252.50	252.50			
3763723.78	252.90	252.90	253.00	253.30	253.40	253.50	253.30	253.00	252.70			
3763703.70	253.00	253.00	252.90	253.20	253.60	253.80	253.70	253.40	252.80			
3763683.62	253.10	253.00	252.90	253.10	253.30	253.70	253.70	253.40	252.70			
3763663.54	253.10	253.10	253.10	253.10	253.20	253.50	253.40	253.00				

252.40
  3763643.46 | 253.00   253.00   253.00
253.00   253.10   253.20   253.00   252.50
252.10
  3763623.38 | 252.70   252.60   252.60
252.60   252.70   252.80   252.50   252.10
251.80
  3763603.30 | 252.40   252.30   252.10
252.20   252.30   252.30   252.10   251.80
251.60
  3763583.22 | 252.10   251.90   251.70
251.80   251.90   251.90   251.70   251.50
251.40
  3763563.14 | 251.80   251.60   251.50
251.70   251.70   251.60   251.40   251.20
251.20
  3763543.06 | 251.80   251.50   251.30
251.30   251.30   251.20   251.10   251.00
250.90
  3763522.98 | 251.60   251.40   251.10
250.90   250.80   250.80   250.80   250.70
250.70
  3763502.90 | 250.90   250.70   250.40
250.30   250.30   250.40   250.40   250.50
250.50
  3763482.82 | 250.60   250.40   250.20
250.10   250.10   250.10   250.10   250.20
250.30
  3763462.74 | 250.30   250.30   250.20
250.10   250.00   249.90   249.90   249.90
250.10
  3763442.66 | 250.00   250.00   250.10
250.10   250.10   249.90   249.90   249.80
249.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: NCART1 ;
NETWORK TYPE: GRIDCART ***

* ELEVATION
HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)		
	466062.71	466078.41	466094.12
3763844.26	251.60	251.70	252.20
3763824.18	251.90	252.00	252.50
3763804.10	252.30	252.40	252.70
3763784.02	252.50	252.60	252.70
3763763.94	252.60	252.70	252.70
3763743.86	252.60	252.60	252.60
3763723.78	252.50	252.50	252.50
3763703.70	252.40	252.30	252.30
3763683.62	252.30	252.20	252.10
3763663.54	252.00	252.00	251.90
3763643.46	251.80	251.80	251.70
3763623.38	251.60	251.60	251.50
3763603.30	251.50	251.40	251.30
3763583.22	251.30	251.20	251.10
3763563.14	251.10	251.00	250.90
3763543.06	250.90	250.80	250.80
3763522.98	250.70	250.70	250.60
3763502.90	250.50	250.50	250.50
3763482.82	250.40	250.40	250.40
3763462.74	250.20	250.30	250.30
3763442.66	250.00	250.10	250.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: NCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)											
	465779.96	465795.67	465811.38	465827.08	465842.79	465858.50	465874.21	465889.92	465905.62			
3763844.26	250.30	251.50	251.50	251.20	251.20	251.40	251.60	251.70	251.80			
3763824.18	251.00	251.60	251.60	251.50	251.70	251.90	252.00	252.00	251.90			
3763804.10	251.50	251.10	251.70	252.40	252.50	252.50	252.40	252.30	252.10			
3763784.02	251.30	251.40	252.10	252.60	252.60	252.60	252.60	252.60	252.60			
3763763.94	251.30	251.80	252.30	252.60	252.60	252.60	252.70	252.80	252.80			
3763743.86	251.50	252.30	252.40	252.30	252.50	252.60	252.70	252.70	252.70			
3763723.78	251.90	252.30	252.30	252.30	252.60	252.80	253.00	253.00	253.00			
3763703.70	252.20	252.20	252.20	252.40	252.70	252.90	253.10	253.20	253.20			
3763683.62	252.10	252.00	252.30	252.50	252.80	253.00	253.10	253.20	253.20			
3763663.54	252.00	252.10	252.30	252.60	252.90	252.90	252.90	253.00				

253.10
  3763643.46 | 251.90   252.10   252.40
252.70   252.90   252.80   252.70   252.90
253.00
  3763623.38 | 252.00   252.20   252.50
252.70   252.70   252.70   252.60   252.70
252.80
  3763603.30 | 252.00   252.10   252.30
252.50   252.50   252.50   252.50   252.60
252.60
  3763583.22 | 251.90   252.10   252.20
252.30   252.30   252.40   252.40   252.40
252.40
  3763563.14 | 252.00   252.10   252.20
252.30   252.30   252.30   252.30   252.20
252.10
  3763543.06 | 251.50   251.70   251.80
252.00   252.10   252.20   252.20   252.10
252.00
  3763522.98 | 250.80   251.00   251.30
251.50   251.80   251.90   252.10   252.00
251.90
  3763502.90 | 250.30   250.50   250.70
250.90   251.10   251.30   251.50   251.30
251.20
  3763482.82 | 250.40   250.50   250.50
250.60   250.80   251.00   251.10   250.90
250.70
  3763462.74 | 250.60   250.70   250.60
250.50   250.60   250.80   250.90   250.60
250.40
  3763442.66 | 250.70   250.60   250.50
250.50   250.60   250.70   250.60   250.30
250.10

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: NCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)											
	465921.33	465937.04	465952.75	465968.46	465984.17	465999.87	466015.58	466031.29	466047.00			
3763844.26	251.80	251.70	251.50	251.40	251.40	251.30	251.40	251.50	251.60			
3763824.18	251.90	251.70	251.60	251.60	251.60	251.50	251.60	251.70	251.80			
3763804.10	251.90	251.80	251.70	251.80	251.90	251.80	251.90	252.10	252.20			
3763784.02	252.30	252.10	252.10	252.10	252.10	252.00	252.10	252.30	252.40			
3763763.94	252.50	252.50	252.50	252.50	252.50	252.40	252.40	252.50	252.50			
3763743.86	252.60	252.80	253.10	253.10	253.10	252.80	252.70	252.50	252.50			
3763723.78	252.90	252.90	253.00	253.30	253.40	253.50	253.30	253.00	252.70			
3763703.70	253.00	253.00	252.90	253.20	253.60	253.80	253.70	253.40	252.80			
3763683.62	253.10	253.00	252.90	253.10	253.30	253.70	253.70	253.40	252.70			
3763663.54	253.10	253.10	253.10	253.10	253.20	253.50	253.40	253.00				

252.40
  3763643.46 | 253.00   253.00   253.00
253.00   253.10   253.20   253.00   252.50
252.10
  3763623.38 | 252.70   252.60   252.60
252.60   252.70   252.80   252.50   252.10
251.80
  3763603.30 | 252.40   252.30   252.10
252.20   252.30   252.30   252.10   251.80
251.60
  3763583.22 | 252.10   251.90   251.70
251.80   251.90   251.90   251.70   251.50
251.40
  3763563.14 | 251.80   251.60   251.50
251.70   251.70   251.60   251.40   251.20
251.20
  3763543.06 | 251.80   251.50   251.30
251.30   251.30   251.20   251.10   251.00
250.90
  3763522.98 | 251.60   251.40   251.10
250.90   250.80   250.80   250.80   250.70
250.70
  3763502.90 | 250.90   250.70   250.40
250.30   250.30   250.40   250.40   250.50
250.50
  3763482.82 | 250.60   250.40   250.20
250.10   250.10   250.10   250.10   250.20
250.30
  3763462.74 | 250.30   250.30   250.20
250.10   250.00   249.90   249.90   249.90
250.10
  3763442.66 | 250.00   250.00   250.10
250.10   250.10   249.90   249.90   249.80
249.90

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** NETWORK ID: NCART1 ;
NETWORK TYPE: GRIDCART ***

* HILL HEIGHT
SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 466062.71	466078.41	466094.12
3763844.26	251.60	251.70	252.20
3763824.18	251.90	252.00	252.50
3763804.10	252.30	252.40	252.70
3763784.02	252.50	252.60	252.70
3763763.94	252.60	252.70	252.70
3763743.86	252.60	252.60	252.60
3763723.78	252.50	252.50	252.50
3763703.70	252.40	252.30	252.30
3763683.62	252.30	252.20	252.10
3763663.54	252.00	252.00	251.90
3763643.46	251.80	251.80	251.70
3763623.38	251.60	251.60	251.50
3763603.30	251.50	251.40	251.30
3763583.22	251.30	251.20	251.10
3763563.14	251.10	251.00	250.90
3763543.06	250.90	250.80	250.80
3763522.98	250.70	250.70	250.60
3763502.90	250.50	250.50	250.50
3763482.82	250.40	250.40	250.40
3763462.74	250.20	250.30	250.30
3763442.66	250.00	250.10	250.20

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(METERS)

(465370.1, 3764407.5, 275.4, 275.4, 0.0);
(465383.9, 3764412.8, 274.9, 274.9, 0.0);
(465401.5, 3764436.5, 274.1, 274.1, 0.0);
(465402.6, 3764410.2, 274.1, 274.1, 0.0);
(465401.1, 3764424.5, 274.1, 274.1, 0.0);
(465707.1, 3763626.1, 251.1, 251.1, 0.0);
(465720.2, 3763639.9, 251.4, 251.4, 0.0);
(465732.1, 3763652.4, 251.5, 251.5, 0.0);
(465743.3, 3763670.8, 251.6, 251.6, 0.0);
(465752.5, 3763683.3, 251.7, 251.7, 0.0);
(465763.0, 3763695.8, 251.8, 251.8, 0.0);
(465771.5, 3763711.6, 252.1, 252.1, 0.0);
(465790.0, 3763743.2, 252.0, 252.0, 0.0);
(465649.9, 3763549.9, 250.2, 250.2, 0.0);
(465642.0, 3763538.7, 250.1, 250.1, 0.0);
(465628.8, 3763513.7, 249.9, 249.9, 0.0);
(465621.6, 3763502.5, 249.8, 249.8, 0.0);
(465609.8, 3763485.4, 249.8, 249.8, 0.0);
(465599.3, 3763471.6, 249.7, 249.7, 0.0);
(465582.8, 3763441.4, 249.5, 249.5, 0.0);
(465676.2, 3763559.1, 250.4, 250.4, 0.0);
(465700.5, 3763547.9, 250.5, 250.5, 0.0);
(465718.9, 3763545.9, 250.8, 250.8, 0.0);
(465723.5, 3763582.7, 251.6, 251.6, 0.0);
(465734.0, 3763574.2, 251.6, 251.6, 0.0);
(465757.7, 3763572.2, 251.8, 251.8, 0.0);
(465759.0, 3763535.4, 250.9, 250.9, 0.0);
(465743.3, 3763540.0, 250.9, 250.9, 0.0);
(465765.0, 3763482.8, 250.3, 250.3, 0.0);
(465745.9, 3763484.8, 250.2, 250.2, 0.0);
(465717.6, 3763493.3, 249.8, 249.8, 0.0);
(465704.5, 3763496.6, 249.7, 249.7, 0.0);
(465680.8, 3763503.2, 249.5, 249.5, 0.0);
(465672.2, 3763478.8, 249.5, 249.5, 0.0);
(465663.0, 3763463.1, 249.5, 249.5, 0.0);
(465651.2, 3763446.0, 249.4, 249.4, 0.0);
(465636.1, 3763428.2, 249.2, 249.2, 0.0);

```
( 465652.5, 3763417.0,     249.6,     249.6,       0.0);
     ( 465670.9, 3763405.9,     250.1,     250.1,       0.0);
( 465699.2, 3763447.3,     250.7,     250.7,       0.0);
     ( 465707.8, 3763469.0,     250.4,     250.4,       0.0);
( 465690.7, 3763401.9,     250.4,     250.4,       0.0);
     ( 465707.8, 3763424.9,     250.7,     250.7,       0.0);
( 465730.1, 3763417.7,     250.5,     250.5,       0.0);
     ( 465711.7, 3763390.1,     250.2,     250.2,       0.0);
( 465730.1, 3763375.6,     249.9,     249.9,       0.0);
     ( 465748.5, 3763405.9,     250.5,     250.5,       0.0);
( 465759.7, 3763392.0,     250.3,     250.3,       0.0);
     ( 465759.0, 3763453.9,     250.6,     250.6,       0.0);
( 465772.2, 3763445.3,     250.7,     250.7,       0.0);
     ( 465786.7, 3763436.8,     250.7,     250.7,       0.0);
( 465473.7, 3763269.1,     248.3,     248.3,       0.0);
     ( 465484.8, 3763283.6,     248.3,     248.3,       0.0);
( 465494.0, 3763298.0,     248.4,     248.4,       0.0);
     ( 465507.2, 3763317.8,     248.6,     248.6,       0.0);
( 465513.8, 3763331.6,     248.6,     248.6,       0.0);
     ( 465524.3, 3763347.3,     248.7,     248.7,       0.0);
( 465534.8, 3763363.8,     248.8,     248.8,       0.0);
     ( 465543.4, 3763376.9,     248.8,     248.8,       0.0);
( 465553.2, 3763391.4,     249.0,     249.0,       0.0);
     ( 465557.8, 3763407.2,     249.2,     249.2,       0.0);
( 465570.3, 3763422.9,     249.3,     249.3,       0.0);
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING *** (1=YES; 0=NO)

```
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-25.6	0.266	-9.000	-9.000	-999.	330.	77.9	0.15	2.40	1.00	2.93	55.	10.1	288.1	2.0
12	01	01	1	02	-26.8	0.277	-9.000	-9.000	-999.	351.	84.7	0.15	2.40	1.00	3.05	55.	10.1	287.0	2.0
12	01	01	1	03	-21.5	0.221	-9.000	-9.000	-999.	250.	53.5	0.15	2.40	1.00	2.45	74.	10.1	284.2	2.0
12	01	01	1	04	-22.0	0.227	-9.000	-9.000	-999.	260.	56.8	0.15	2.40	1.00	2.52	77.	10.1	285.9	2.0
12	01	01	1	05	-20.0	0.206	-9.000	-9.000	-999.	225.	46.8	0.15	2.40	1.00	2.30	80.	10.1	285.4	2.0
12	01	01	1	06	-14.4	0.171	-9.000	-9.000	-999.	170.	32.1	0.15	2.40	1.00	1.93	79.	10.1	287.0	2.0
12	01	01	1	07	-14.9	0.174	-9.000	-9.000	-999.	174.	33.2	0.15	2.40	1.00	1.96	77.	10.1	284.2	2.0
12	01	01	1	08	-11.9	0.169	-9.000	-9.000	-999.	167.	36.1	0.15	2.40	0.53	1.89	77.	10.1	288.1	2.0
12	01	01	1	09	40.4	0.234	0.359	0.006	40.	272.	-28.1	0.15	2.40	0.31	2.10	81.	10.1	289.2	2.0
12	01	01	1	10	112.6	0.246	0.742	0.005	129.	293.	-11.8	0.15	2.40	0.24	1.99	101.	10.1	296.4	2.0
12	01	01	1	11	161.0	0.402	1.188	0.005	369.	611.	-35.6	0.15	2.40	0.21	3.68	78.	10.1	298.8	2.0
12	01	01	1	12	184.7	0.337	1.516	0.005	668.	473.	-18.4	0.15	2.40	0.20	2.89	68.	10.1	300.4	2.0

```
 12 01 01   1 13  183.9  0.310  1.809  0.005 1139.  414.    -14.2
0.15   2.40   0.20    2.57   64.   10.1  302.5    2.0
 12 01 01   1 14  156.6  0.374  1.852  0.005 1434.  549.    -29.5
0.15   2.40   0.22    3.37   63.   10.1  303.1    2.0
 12 01 01   1 15  104.3  0.382  1.658  0.005 1546.  567.    -47.2
0.15   2.40   0.25    3.59   62.   10.1  302.5    2.0
 12 01 01   1 16   31.8  0.374  1.123  0.005 1573.  550.   -145.8
0.15   2.40   0.34    3.76   69.   10.1  300.9    2.0
 12 01 01   1 17  -23.3  0.276 -9.000 -9.000 -999.  354.     84.0
0.15   2.40   0.62    3.03   59.   10.1  297.5    2.0
 12 01 01   1 18  -21.5  0.229 -9.000 -9.000 -999.  264.     57.8
0.15   2.40   1.00    2.54   54.   10.1  295.4    2.0
 12 01 01   1 19  -19.3  0.204 -9.000 -9.000 -999.  221.     45.6
0.15   2.40   1.00    2.27   79.   10.1  292.0    2.0
 12 01 01   1 20  -20.7  0.218 -9.000 -9.000 -999.  244.     52.2
0.15   2.40   1.00    2.42   79.   10.1  292.5    2.0
 12 01 01   1 21  -19.7  0.206 -9.000 -9.000 -999.  225.     46.9
0.15   2.40   1.00    2.30   95.   10.1  290.9    2.0
 12 01 01   1 22  -17.6  0.190 -9.000 -9.000 -999.  199.     39.8
0.15   2.40   1.00    2.13   78.   10.1  290.4    2.0
 12 01 01   1 23  -20.3  0.211 -9.000 -9.000 -999.  233.     49.0
0.15   2.40   1.00    2.35   52.   10.1  289.2    2.0
 12 01 01   1 24  -16.4  0.183 -9.000 -9.000 -999.  189.     37.0
0.15   2.40   1.00    2.06   75.   10.1  288.8    2.0


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

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: NCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)									
	465779.96	465795.67	465811.38	465827.08	465842.79	465858.50	465874.21	465889.92	465905.62
3763844.26	5.10948	4.95305	4.77119	4.59187	4.42894	4.27845	4.13515	3.99683	3.86520
3763824.18	4.80988	4.65543	4.49349	4.33757	4.19552	4.06001	3.92888	3.80212	3.67975
3763804.10	4.51624	4.35556	4.22516	4.10176	3.97187	3.84618	3.72463	3.60865	3.49652
3763784.02	4.22210	4.08975	3.97528	3.86124	3.74319	3.63043	3.52263	3.41949	3.32080
3763763.94	3.95204	3.84166	3.73548	3.63006	3.52421	3.42296	3.32739	3.23571	

```
3.14654
  3763743.86 |       3.70551      3.61170      3.50954
3.40875      3.31669      3.22694      3.14081      3.05688
2.97635
  3763723.78 |       3.48135      3.39032      3.29681
3.20737      3.12562      3.04571      2.96884      2.89266
2.81950
  3763703.70 |       3.27339      3.18511      3.10058
3.02224      2.94810      2.87554      2.80570      2.73743
2.67078
  3763683.62 |       3.07703      2.99563      2.92276
2.85144      2.78390      2.71773      2.65300      2.59070
2.52983
  3763663.54 |       2.89778      2.82611      2.75839
2.69433      2.63251      2.56995      2.50978      2.45277
2.39785
  3763643.46 |       2.73427      2.66989      2.60891
2.55008      2.49229      2.43386      2.37766      2.32608
2.27553
  3763623.38 |       2.58735      2.52814      2.47198
2.41680      2.36174      2.30871      2.25680      2.20839
2.16170
  3763603.30 |       2.45203      2.39648      2.34377
2.29286      2.24197      2.19289      2.14557      2.10066
2.05662
  3763583.22 |       2.32729      2.27688      2.22721
2.17922      2.13202      2.08721      2.04319      2.00070
1.95969
  3763563.14 |       2.21477      2.16716      2.12104
2.07642      2.03246      1.98997      1.94890      1.90856
1.86963
  3763543.06 |       2.10635      2.06312      2.02035
1.97962      1.93937      1.90037      1.86196      1.82419
1.78769
  3763522.98 |       2.00500      1.96505      1.92688
1.88902      1.85284      1.81640      1.78166      1.74620
1.71191
  3763502.90 |       1.91306      1.87601      1.83986
1.80464      1.77033      1.73694      1.70446      1.67066
1.63849
  3763482.82 |       1.83232      1.79704      1.76194
1.72840      1.69631      1.66503      1.63400      1.60222
1.57141
  3763462.74 |       1.75786      1.72488      1.69139
1.65876      1.62809      1.59873      1.56956      1.53910
1.51005
  3763442.66 |       1.68771      1.65570      1.62439
1.59437      1.56557      1.53743      1.50896      1.48026
1.45284
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: NCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)									
	465921.33	465937.04	465952.75	465968.46	465984.17	465999.87	466015.58	466031.29	466047.00
3763844.26	3.73814	3.61564	3.49759	3.38652	3.28190	3.18087	3.08663	2.99647	2.91017
3763824.18	3.56450	3.45165	3.34534	3.24505	3.14912	3.05624	2.96945	2.88623	2.80640
3763804.10	3.38940	3.28836	3.19169	3.10151	3.01497	2.92985	2.85017	2.77456	2.70091
3763784.02	3.22238	3.12943	3.04271	2.95946	2.87950	2.80172	2.72882	2.65953	2.59189
3763763.94	3.05740	2.97536	2.89651	2.82070	2.74777	2.67670	2.60914	2.54487	

```
2.48208
  3763743.86 |       2.89783      2.82549      2.75670
2.68753      2.62090      2.55423      2.49162      2.43048
2.37302
  3763723.78 |       2.74809      2.68037      2.61605
2.55570      2.49572      2.43783      2.37969      2.32288
2.26807
  3763703.70 |       2.60474      2.54300      2.48265
2.42769      2.37522      2.32295      2.27033      2.21819
2.16590
  3763683.62 |       2.47031      2.41299      2.35775
2.30674      2.25738      2.21095      2.16332      2.11543
2.06669
  3763663.54 |       2.34405      2.29217      2.24212
2.19380      2.14778      2.10454      2.06017      2.01549
1.97110
  3763643.46 |       2.22598      2.17817      2.13203
2.08746      2.04503      2.00398      1.96247      1.92061
1.88068
  3763623.38 |       2.11517      2.07029      2.02766
1.98647      1.94726      1.90932      1.87031      1.83203
1.79554
  3763603.30 |       2.01274      1.97107      1.93022
1.89262      1.85624      1.82047      1.78474      1.74964
1.71618
  3763583.22 |       1.91813      1.87868      1.84059
1.80557      1.77166      1.73831      1.70496      1.67269
1.64193
  3763563.14 |       1.83077      1.79386      1.75879
1.72655      1.69424      1.66248      1.63122      1.60096
1.57261
  3763543.06 |       1.75180      1.71656      1.68305
1.65172      1.62139      1.59155      1.56264      1.53464
1.50751
  3763522.98 |       1.67761      1.64497      1.61288
1.58235      1.55330      1.52567      1.49888      1.47246
1.44729
  3763502.90 |       1.60623      1.57552      1.54528
1.51700      1.49008      1.46446      1.43914      1.41502
1.39119
  3763482.82 |       1.54203      1.51304      1.48494
1.45817      1.43268      1.40797      1.38398      1.36111
1.33890
  3763462.74 |       1.48231      1.45585      1.42969
1.40430      1.37966      1.35577      1.33298      1.31085
1.29012
  3763442.66 |       1.42663      1.40161      1.37770
1.35402      1.33100      1.30786      1.28615      1.26469
1.24457
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: NCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)		
	466062.71	466078.41	466094.12
3763844.26	2.82657	2.74748	2.67495
3763824.18	2.72978	2.65627	2.58876
3763804.10	2.63009	2.56200	2.49791
3763784.02	2.52672	2.46395	2.40339
3763763.94	2.42228	2.36459	2.30816
3763743.86	2.31824	2.26464	2.21280
3763723.78	2.21582	2.16666	2.11906
3763703.70	2.11664	2.07091	2.02720
3763683.62	2.02137	1.97930	1.93853
3763663.54	1.92931	1.89113	1.85353
3763643.46	1.84258	1.80732	1.77256
3763623.38	1.76073	1.72804	1.69580
3763603.30	1.68428	1.65337	1.62335
3763583.22	1.61213	1.58324	1.55520
3763563.14	1.54465	1.51756	1.49126
3763543.06	1.48165	1.45615	1.43181

3763522.98	1.42288	1.39920	1.37581
3763502.90	1.36807	1.34564	1.32386
3763482.82	1.31733	1.29602	1.27531
3763462.74	1.26960	1.24967	1.22994
3763442.66	1.22501	1.20600	1.18750

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 ,
L0000028 , . . . ,

*** 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
465370.10	3764407.54	3.40700	465383.87	3764412.76	3.35022
465401.45	3764436.51	3.06091	465402.58	3764410.16	3.41935
465401.09	3764424.54	3.21170	465707.10	3763626.13	2.91419
465720.25	3763639.94	2.97389	465732.08	3763652.44	3.02782
465743.26	3763670.85	3.14387	465752.47	3763683.34	3.21698
465762.99	3763695.83	3.28452	465771.53	3763711.61	3.40475
465789.95	3763743.18	3.63764	465649.89	3763549.86	2.55820
465642.00	3763538.68	2.50983	465628.85	3763513.69	2.39135
465621.61	3763502.52	2.34387	465609.78	3763485.42	2.27744
465599.26	3763471.61	2.22694			

```
465582.82    3763441.36        2.10274
         465676.19    3763559.06        2.52719
465700.52    3763547.89        2.37170
         465718.93    3763545.91        2.30225
465723.53    3763582.74        2.52281
         465734.05    3763574.19        2.42914
465757.73    3763572.22        2.33691
         465759.04    3763535.39        2.12377
465743.26    3763540.00        2.19429
         465764.96    3763482.79        1.86668
465745.89    3763484.76        1.91974
         465717.62    3763493.31        2.02626
465704.46    3763496.60        2.07541
         465680.79    3763503.17        2.17208
465672.25    3763478.84        2.07309
         465663.04    3763463.06        2.02058
465651.20    3763445.97        1.96958
         465636.08    3763428.21        1.92273
465652.52    3763417.04        1.84499
         465670.93    3763405.86        1.76836
465699.20    3763447.28        1.87710
         465707.75    3763468.98        1.94660
465690.66    3763401.91        1.71863
         465707.75    3763424.93        1.77138
465730.11    3763417.69        1.69986
         465711.70    3763390.08        1.63835
465730.11    3763375.61        1.55947
         465748.52    3763405.86        1.62525
465759.70    3763392.05        1.56096
         465759.04    3763453.86        1.77047
465772.19    3763445.31        1.71258
         465786.66    3763436.76        1.65430
465473.67    3763269.09        1.53691
         465484.85    3763283.56        1.57534
465494.05    3763298.02        1.61705
         465507.20    3763317.75        1.67549
465513.78    3763331.56        1.72043
         465524.30    3763347.34        1.77005
465534.82    3763363.77        1.82362
         465543.37    3763376.93        1.86685
465553.23    3763391.39        1.91619
         465557.83    3763407.17        1.98268
465570.33    3763422.95        2.03537
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 ,
L0000028 , . . . ,

*** NETWORK ID: NCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	465779.96	465795.67	465811.38	465827.08	465842.79
3763844.3	30.72775 (12121716)	30.30813 (12121716)	29.67570 (12121716)	28.95564 (12121716)	28.21218 (12121716)
3763824.2	27.40138 (12121716)	27.20963 (12121716)	26.88846 (12121716)	26.49396 (12121716)	26.06146 (12121716)
3763804.1	23.97971 (12121716)	23.92473 (12121716)	23.88491 (12121716)	23.78369 (12121716)	23.58267 (12121716)
3763784.0	20.62793 (12121716)	20.76071 (12121716)	20.88102 (12121716)	20.93557 (12121716)	20.91308 (12121716)
3763763.9	18.73134 (16010316)	18.03892 (16010316)	17.98292 (12121716)	18.14149 (12121716)	18.24826 (12121716)

3763743.9 | 17.91603 (16010316) 17.46461 (16010316) 16.90166 (16010316) 16.26668 (16010316) 15.69756 (12121716)
3763723.8 | 16.84972 (16010316) 16.58155 (16010316) 16.21649 (16010316) 15.77962 (16010316) 15.28806 (16010316)
3763703.7 | 16.15263 (15050221) 15.63834 (16032319) 15.30101 (16010316) 15.04523 (16010316) 14.72373 (16010316)
3763683.6 | 15.84967 (15050221) 15.33651 (15050221) 14.84633 (15050221) 14.44613 (16032319) 14.05230 (15102418)
3763663.5 | 15.44357 (15050221) 15.04250 (15050221) 14.62461 (15050221) 14.19381 (15050221) 13.78418 (16032319)
3763643.5 | 16.03777 (16123116) 14.64634 (15050221) 14.31867 (15050221) 13.96289 (15050221) 13.57511 (15050221)
3763623.4 | 16.67588 (16123116) 15.21512 (16123116) 13.93159 (15050221) 13.64011 (15050221) 13.30611 (15050221)
3763603.3 | 17.09377 (16123116) 15.78211 (16123116) 14.44885 (16123116) 13.23083 (15050221) 12.96524 (15050221)
3763583.2 | 17.29906 (16123116) 16.15561 (16123116) 14.95862 (16123116) 13.73768 (16123116) 12.56369 (15050221)
3763563.1 | 17.31404 (16123116) 16.33918 (16123116) 15.29260 (16123116) 14.19855 (16123116) 13.07685 (16123116)
3763543.1 | 17.13379 (16123116) 16.33472 (16123116) 15.44534 (16123116) 14.49155 (16123116) 13.48894 (16123116)
3763523.0 | 16.79053 (16123116) 16.16051 (16123116) 15.43378 (16123116) 14.62354 (16123116) 13.75130 (16123116)
3763502.9 | 16.31687 (16123116) 15.84681 (16123116) 15.27152 (16123116) 14.60540 (16123116) 13.86313 (16123116)
3763482.8 | 15.74379 (16123116) 15.41916 (16123116) 14.98506 (16123116) 14.45690 (16123116) 13.84605 (16123116)
3763462.7 | 15.07745 (16123116) 14.88809 (16123116) 14.58802 (16123116) 14.18958 (16123116) 13.70535 (16123116)
3763442.7 | 14.33353 (16123116) 14.26227 (16123116) 14.08751 (16123116) 13.81618 (16123116) 13.45472 (16123116)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: NCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	465858.50	465874.21	465889.92	465905.62	465921.33
3763844.3	27.44103 (12121716)	26.63346 (12121716)	25.79231 (12121716)	24.93352 (12121716)	24.05830 (12121716)
3763824.2	25.57259 (12121716)	25.02847 (12121716)	24.43763 (12121716)	23.80857 (12121716)	23.15717 (12121716)
3763804.1	23.32058 (12121716)	23.00239 (12121716)	22.63802 (12121716)	22.22800 (12121716)	21.78155 (12121716)
3763784.0	20.84134 (12121716)	20.72148 (12121716)	20.55538 (12121716)	20.34570 (12121716)	20.08471 (12121716)
3763763.9	18.31500 (12121716)	18.34450 (12121716)	18.33266 (12121716)	18.27706 (12121716)	18.17343 (12121716)

3763743.9 | 15.86058 (12121716) 15.99136 (12121716) 16.08578 (12121716) 16.14619 (12121716) 16.16989 (12121716)
3763723.8 | 14.85641 (15102418) 14.48990 (15102418) 14.10381 (16100718) 14.06559 (12121716) 14.17659 (12121716)
3763703.7 | 14.39911 (15102418) 14.10562 (15102418) 13.78868 (15102418) 13.45275 (15102418) 13.09389 (15102418)
3763683.6 | 13.85093 (15102418) 13.61975 (15102418) 13.37039 (15102418) 13.09849 (15102418) 12.80725 (15102418)
3763663.5 | 13.40253 (16032319) 13.04324 (15102418) 12.85886 (15102418) 12.65632 (15102418) 12.43106 (15102418)
3763643.5 | 13.14614 (15050221) 12.77701 (16032319) 12.44694 (16032319) 12.14832 (15102418) 11.97936 (15102418)
3763623.4 | 12.95149 (15050221) 12.57301 (15050221) 12.19969 (16032319) 11.90590 (16032319) 11.58636 (16032319)
3763603.3 | 12.67551 (15050221) 12.36530 (15050221) 12.04477 (15050221) 11.70383 (15050221) 11.37234 (16032319)
3763583.2 | 12.34311 (15050221) 12.09183 (15050221) 11.82040 (15050221) 11.53211 (15050221) 11.21182 (15050221)
3763563.1 | 11.99759 (14082019) 11.76170 (15050221) 11.53795 (15050221) 11.29515 (15050221) 11.02414 (15050221)
3763543.1 | 12.46069 (16123116) 11.46609 (14082019) 11.21177 (15050221) 11.01847 (15050221) 10.80077 (15050221)
3763523.0 | 12.83120 (16123116) 11.88661 (16123116) 10.96324 (14082019) 10.72607 (14082019) 10.51978 (15050221)
3763502.9 | 13.06156 (16123116) 12.21746 (16123116) 11.34252 (16123116) 10.46138 (14082019) 10.24116 (14082019)
3763482.8 | 13.16470 (16123116) 12.42629 (16123116) 11.64390 (16123116) 10.83724 (16123116) 10.02027 (16123116)
3763462.7 | 13.14456 (16123116) 12.51669 (16123116) 11.83184 (16123116) 11.11089 (16123116) 10.36593 (16123116)
3763442.7 | 13.01037 (16123116) 12.49088 (16123116) 11.90823 (16123116) 11.27874 (16123116) 10.61355 (16123116)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: NCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	465937.04	465952.75	465968.46	465984.17	465999.87
3763844.3	23.17502 (12121716)	22.29038 (12121716)	21.41780 (12121716)	20.56028 (12121716)	19.71452 (12121716)
3763824.2	22.47615 (12121716)	21.78478 (12121716)	21.08726 (12121716)	20.38402 (12121716)	19.67676 (12121716)
3763804.1	21.30763 (12121716)	20.80666 (12121716)	20.28992 (12121716)	19.75416 (12121716)	19.19856 (12121716)
3763784.0	19.79078 (12121716)	19.47001 (12121716)	19.11892 (12121716)	18.74117 (12121716)	18.33817 (12121716)
3763763.9	18.04182 (12121716)	17.87478 (12121716)	17.67467 (12121716)	17.44402 (12121716)	17.18356 (12121716)

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 3763743.9 |     16.16712 (12121716)     16.13261 (12121716)
16.05897 (12121716)     15.95457 (12121716)     15.81573
(12121716)
 3763723.8 |     14.26128 (12121716)     14.31904 (12121716)
14.35125 (12121716)     14.35118 (12121716)     14.32324
(12121716)
 3763703.7 |     12.79123 (16100718)     12.52775 (12121716)
12.63361 (12121716)     12.71579 (12121716)     12.77023
(12121716)
 3763683.6 |     12.50677 (15102418)     12.19922 (15102418)
11.93317 (16100718)     11.68240 (16100718)     11.43652
(16100718)
 3763663.5 |     12.19270 (15102418)     11.94335 (15102418)
11.68498 (15102418)     11.42500 (15102418)     11.18205
(16100718)
 3763643.5 |     11.79486 (15102418)     11.59677 (15102418)
11.38696 (15102418)     11.17259 (15102418)     10.94960
(15102418)
 3763623.4 |     11.32120 (15102418)     11.17276 (15102418)
11.01055 (15102418)     10.84149 (15102418)     10.66156
(15102418)
 3763603.3 |     11.09259 (16032319)     10.79723 (16032319)
10.58373 (15102418)     10.45790 (15102418)     10.31461
(15102418)
 3763583.2 |     10.88743 (15050221)     10.61095 (16032319)
10.36729 (16032319)     10.11418 (16032319)      9.92779
(15102418)
 3763563.1 |     10.74577 (15050221)     10.46194 (15050221)
10.18509 (16032319)      9.96570 (16032319)      9.73214
(16032319)
 3763543.1 |     10.56175 (15050221)     10.31483 (15050221)
10.06681 (15050221)      9.80887 (15050221)      9.56186
(16032319)
 3763523.0 |     10.33002 (15050221)     10.11953 (15050221)
9.90083 (15050221)      9.67549 (15050221)      9.44504
(15050221)
 3763502.9 |     10.02621 (15050221)      9.85672 (15050221)
9.68215 (15050221)      9.49870 (15050221)      9.30778
(15050221)
 3763482.8 |      9.81147 (14082019)      9.60546 (14082019)
9.44559 (15050221)      9.29739 (15050221)      9.13564
(15050221)
 3763462.7 |      9.60976 (16123116)      9.42152 (14082019)
9.24135 (14082019)      9.06645 (15050221)      8.93286
(15050221)
 3763442.7 |      9.92481 (16123116)      9.22375 (16123116)
9.05820 (14082019)      8.90097 (14082019)      8.72290
(14082019)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: NCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)				
	466015.58	466031.29	466047.00	466062.71	466078.41
3763844.3	18.89186 (12121716)	18.08832 (12121716)	17.30587 (12121716)	16.54400 (12121716)	15.80864 (12121716)
3763824.2	18.97735 (12121716)	18.28297 (12121716)	17.59653 (12121716)	16.92052 (12121716)	16.25744 (12121716)
3763804.1	18.63784 (12121716)	18.07225 (12121716)	17.50036 (12121716)	16.92766 (12121716)	16.35714 (12121716)
3763784.0	17.92042 (12121716)	17.48824 (12121716)	17.04056 (12121716)	16.58267 (12121716)	16.11771 (12121716)
3763763.9	16.90019 (12121716)	16.59641 (12121716)	16.27114 (12121716)	15.93063 (12121716)	15.57591 (12121716)

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 3763743.9 |     15.65360 (12121716)     15.46473 (12121716)
15.25619 (12121716)     15.02803 (12121716)     14.77959
(12121716)
 3763723.8 |     14.26418 (12121716)     14.17842 (12121716)
14.06875 (12121716)     13.93793 (12121716)     13.78871
(12121716)
 3763703.7 |     12.79668 (12121716)     12.79710 (12121716)
12.77104 (12121716)     12.72508 (12121716)     12.66132
(12121716)
 3763683.6 |     11.31339 (12121716)     11.38065 (12121716)
11.42320 (12121716)     11.44829 (12121716)     11.45633
(12121716)
 3763663.5 |     10.94618 (16100718)     10.69056 (16100718)
10.42248 (16100718)     10.16317 (16100718)     10.22223
(12121716)
 3763643.5 |     10.70451 (15102418)     10.44037 (15102418)
10.21666 (16100718)      9.99739 (16100718)      9.78907
(16100718)
 3763623.4 |     10.45260 (15102418)     10.23214 (15102418)
10.01121 (15102418)      9.79065 (15102418)      9.59791
(16100718)
 3763603.3 |     10.15080 (15102418)      9.97335 (15102418)
9.79304 (15102418)      9.61068 (15102418)      9.42279
(15102418)
 3763583.2 |      9.80242 (15102418)      9.66657 (15102418)
9.52588 (15102418)      9.37681 (15102418)      9.22052
(15102418)
 3763563.1 |      9.48642 (16032319)      9.31947 (15102418)
9.21671 (15102418)      9.09993 (15102418)      8.97460
(15102418)
 3763543.1 |      9.35558 (16032319)      9.14141 (16032319)
8.92334 (14052224)      8.78663 (15102418)      8.69107
(15102418)
 3763523.0 |      9.20603 (15050221)      8.99903 (16032319)
8.81314 (16032319)      8.62002 (16032319)      8.43107
(14052224)
 3763502.9 |      9.10161 (15050221)      8.89087 (15050221)
8.66861 (15050221)      8.50087 (16032319)      8.32876
(16032319)
 3763482.8 |      8.96176 (15050221)      8.78155 (15050221)
8.59206 (15050221)      8.39474 (15050221)      8.20389
(16032319)
 3763462.7 |      8.79034 (15050221)      8.63599 (15050221)
8.47897 (15050221)      8.30860 (15050221)      8.13032
(15050221)
 3763442.7 |      8.59522 (15050221)      8.46587 (15050221)
8.33273 (15050221)      8.18904 (15050221)      8.03612
(15050221)
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** NETWORK ID: NCART1 ; NETWORK TYPE: GRIDCART ***

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

Y-COORD (METERS)	X-COORD (METERS)
466094.12	
3763844.3	15.10379 (12121716)
3763824.2	15.61439 (12121716)
3763804.1	15.79338 (12121716)
3763784.0	15.64767 (12121716)
3763763.9	15.20772 (12121716)
3763743.9	14.51426 (12121716)
3763723.8	13.61981 (12121716)
3763703.7	12.57823 (12121716)
3763683.6	11.44474 (12121716)
3763663.5	10.26882 (12121716)
3763643.5	9.57320 (16100718)
3763623.4	9.41307 (16100718)
3763603.3	9.23019 (15102418)
3763583.2	9.05787 (15102418)
3763563.1	8.84154 (15102418)
3763543.1	8.59053 (15102418)

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3763523.0 |      8.30284 (15102418)
3763502.9 |      8.15018 (16032319)
3763482.8 |      8.05050 (16032319)
3763462.7 |      7.94178 (15050221)
3763442.7 |      7.87500 (15050221)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S):
L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
465370.10	3764407.54	67.70742	(16091823)
465383.87	3764412.76	66.09277	(16091823)
465401.45	3764436.51	59.69953	(16091823)
465402.58	3764410.16	64.14868	(15090105)
465401.09	3764424.54	61.82875	(15090105)
465707.10	3763626.13	22.67879	(16123116)
465720.25	3763639.94	21.89280	(16123116)
465732.08	3763652.44	20.72888	(16123116)
465743.26	3763670.85	19.06586	(16123116)
465752.47	3763683.34	17.44119	(16123116)
465762.99	3763695.83	16.58136	(15050221)
465771.53	3763711.61	16.55861	(15050221)
465789.95	3763743.18	17.61119	(16010316)
465649.89	3763549.86	19.08069	(16123116)
465642.00	3763538.68	17.92287	(16123116)
465628.85	3763513.69	15.30438	(16123116)
465621.61	3763502.52	14.45131	(14100220)
465609.78	3763485.42	14.47066	(14100220)

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        465599.26   3763471.61       14.39805  (14100220)
465582.82   3763441.36       13.84944  (14100220)
        465676.19   3763559.06       20.19608  (16123116)
465700.52   3763547.89       19.49769  (16123116)
        465718.93   3763545.91       19.21032  (16123116)
465723.53   3763582.74       20.58425  (16123116)
        465734.05   3763574.19       19.87347  (16123116)
465757.73   3763572.22       18.66501  (16123116)
        465759.04   3763535.39       17.82074  (16123116)
465743.26   3763540.00       18.44256  (16123116)
        465764.96   3763482.79       15.94474  (16123116)
465745.89   3763484.76       16.13099  (16123116)
        465717.62   3763493.31       16.43299  (16123116)
465704.46   3763496.60       16.45127  (16123116)
        465680.79   3763503.17       16.38192  (16123116)
465672.25   3763478.84       14.43876  (16123116)
        465663.04   3763463.06       12.99222  (16123116)
465651.20   3763445.97       12.70462  (14100220)
        465636.08   3763428.21       12.77105  (14100220)
465652.52   3763417.04       12.28835  (14100220)
        465670.93   3763405.86       11.76605  (14100220)
465699.20   3763447.28       13.31544  (16123116)
        465707.75   3763468.98       14.86436  (16123116)
465690.66   3763401.91       11.39105  (16041221)
        465707.75   3763424.93       12.25452  (16123116)
465730.11   3763417.69       12.49597  (16123116)
        465711.70   3763390.08       10.89610  (16041221)
465730.11   3763375.61       10.41424  (16041221)
        465748.52   3763405.86       12.32239  (16123116)
465759.70   3763392.05       11.88725  (16123116)
        465759.04   3763453.86       14.76535  (16123116)
465772.19   3763445.31       14.43749  (16123116)
        465786.66   3763436.76       14.09926  (16123116)
465473.67   3763269.09       10.48271  (15042821)
        465484.85   3763283.56       10.78300  (15042821)
465494.05   3763298.02       11.05656  (15042821)
        465507.20   3763317.75       11.37981  (15042821)
465513.78   3763331.56       11.58814  (15042821)
        465524.30   3763347.34       11.76071  (15042821)
465534.82   3763363.77       11.88785  (15042821)
        465543.37   3763376.93       12.03171  (14050722)
465553.23   3763391.39       12.41019  (14100220)
        465557.83   3763407.17       12.91284  (14100220)
465570.33   3763422.95       13.39209  (14100220)
```

*** 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	5.10948 AT (465779.96, 3763844.26, 250.30, 250.30, 0.00)	GC	NCART1
	2ND HIGHEST VALUE IS	4.95305 AT (465795.67, 3763844.26, 251.50, 251.50, 0.00)	GC	NCART1
	3RD HIGHEST VALUE IS	4.80988 AT (465779.96, 3763824.18, 251.00, 251.00, 0.00)	GC	NCART1
	4TH HIGHEST VALUE IS	4.77119 AT (465811.38, 3763844.26, 251.50, 251.50, 0.00)	GC	NCART1
	5TH HIGHEST VALUE IS	4.65543 AT (465795.67, 3763824.18, 251.60, 251.60, 0.00)	GC	NCART1
	6TH HIGHEST VALUE IS	4.59187 AT (465827.08, 3763844.26, 251.20, 251.20, 0.00)	GC	NCART1
	7TH HIGHEST VALUE IS	4.51624 AT (465779.96, 3763804.10, 251.50, 251.50, 0.00)	GC	NCART1
	8TH HIGHEST VALUE IS	4.49349 AT (465811.38, 3763824.18, 251.60, 251.60, 0.00)	GC	NCART1
	9TH HIGHEST VALUE IS	4.42894 AT (465842.79, 3763844.26, 251.20, 251.20, 0.00)	GC	NCART1
	10TH HIGHEST VALUE IS	4.35556 AT (465795.67, 3763804.10, 251.10, 251.10, 0.00)	GC	NCART1

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	67.70742	ON 16091823: AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 1638 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 1039 Calm Hours Identified

A Total of 599 Missing Hours Identified (1.37 Percent)

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

******** WARNING MESSAGES ********
ME W186 1065 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1065 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

****
*** AERMOD 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   456 Source(s),
        for Total of   1 Urban Area(s):
   Urban Population =   2189641.0 ; 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: 456 Source(s);   1 Source Group(s); and   503
Receptor(s)

                with: 0 POINT(s), including
                           0 POINTCAP(s) and   0 POINTHOR(s)
                 and: 456 VOLUME source(s)
                 and: 0 AREA type source(s)
                 and: 0 LINE source(s)
                 and: 0 RLINE/RLINEXT source(s)
                 and: 0 OPENPIT source(s)
                 and: 0 BUOYANT LINE source(s) with a total of   0 line(s)
                 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) =   245.00 ;  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:   2240 Fleetwood Drive Con HRA.err

 **File for Summary of Results:   2240 Fleetwood Drive Con HRA.sum

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/11/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:49:59

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                        *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                              (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: KRAL_V9_ADJU\KRAL_v9.SFC
Met Version: 16216
Profile file: KRAL_V9_ADJU\KRAL_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171	Upper air station no.: 3190
Name: KRAL_RIVERSIDE_AIRPORT	Name: UNKNOWN
Year: 2012	Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-25.6	0.266	-9.000	-9.000	-999.	330.	77.9	0.15	2.40	1.00	2.93	55.	10.1	288.1	2.0
12	01	01	1	02	-26.8	0.277	-9.000	-9.000	-999.	351.	84.7	0.15	2.40	1.00	3.05	55.	10.1	287.0	2.0
12	01	01	1	03	-21.5	0.221	-9.000	-9.000	-999.	250.	53.5	0.15	2.40	1.00	2.45	74.	10.1	284.2	2.0
12	01	01	1	04	-22.0	0.227	-9.000	-9.000	-999.	260.	56.8	0.15	2.40	1.00	2.52	77.	10.1	285.9	2.0
12	01	01	1	05	-20.0	0.206	-9.000	-9.000	-999.	225.	46.8	0.15	2.40	1.00	2.30	80.	10.1	285.4	2.0
12	01	01	1	06	-14.4	0.171	-9.000	-9.000	-999.	170.	32.1	0.15	2.40	1.00	1.93	79.	10.1	287.0	2.0
12	01	01	1	07	-14.9	0.174	-9.000	-9.000	-999.	174.	33.2	0.15	2.40	1.00	1.96	77.	10.1	284.2	2.0
12	01	01	1	08	-11.9	0.169	-9.000	-9.000	-999.	167.	36.1	0.15	2.40	0.53	1.89	77.	10.1	288.1	2.0
12	01	01	1	09	40.4	0.234	0.359	0.006	40.	272.	-28.1	0.15	2.40	0.31	2.10	81.	10.1	289.2	2.0
12	01	01	1	10	112.6	0.246	0.742	0.005	129.	293.	-11.8	0.15	2.40	0.24	1.99	101.	10.1	296.4	2.0
12	01	01	1	11	161.0	0.402	1.188	0.005	369.	611.	-35.6	0.15	2.40	0.21	3.68	78.	10.1	298.8	2.0
12	01	01	1	12	184.7	0.337	1.516	0.005	668.	473.	-18.4	0.15	2.40	0.20	2.89	68.	10.1	300.4	2.0
12	01	01	1	13	183.9	0.310	1.809	0.005	1139.	414.	-14.2	0.15	2.40	0.20	2.57	64.	10.1	302.5	2.0
12	01	01	1	14	156.6	0.374	1.852	0.005	1434.	549.	-29.5	0.15	2.40	0.22	3.37	63.	10.1	303.1	2.0
12	01	01	1	15	104.3	0.382	1.658	0.005	1546.	567.	-47.2	0.15	2.40	0.25	3.59	62.	10.1	302.5	2.0
12	01	01	1	16	31.8	0.374	1.123	0.005	1573.	550.	-145.8	0.15	2.40	0.34	3.76	69.	10.1	300.9	2.0
12	01	01	1	17	-23.3	0.276	-9.000	-9.000	-999.	354.	84.0	0.15	2.40	0.62	3.03	59.	10.1	297.5	2.0
12	01	01	1	18	-21.5	0.229	-9.000	-9.000	-999.	264.	57.8	0.15	2.40	1.00	2.54	54.	10.1	295.4	2.0
12	01	01	1	19	-19.3	0.204	-9.000	-9.000	-999.	221.	45.6	0.15	2.40	1.00	2.27	79.	10.1	292.0	2.0
12	01	01	1	20	-20.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.15	2.40	1.00	2.42	79.	10.1	292.5	2.0
12	01	01	1	21	-19.7	0.206	-9.000	-9.000	-999.	225.	46.9	0.15	2.40	1.00	2.30	95.	10.1	290.9	2.0
12	01	01	1	22	-17.6	0.190	-9.000	-9.000	-999.	199.	39.8	0.15	2.40	1.00	2.13	78.	10.1	290.4	2.0
12	01	01	1	23	-20.3	0.211	-9.000	-9.000	-999.	233.	49.0	0.15	2.40

```
1.00    2.35   52.   10.1  289.2    2.0
 12 01 01   1 24  -16.4  0.183 -9.000 -9.000 -999.  189.     37.0  0.15   2.40
1.00    2.06   75.   10.1  288.8    2.0


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

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/11/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        15:49:59

                                  PAGE   4
 *** 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       5.10948 AT (  465779.96,  3763844.26,   250.30,
  250.30,    0.00)  GC  NCART1
          2ND HIGHEST VALUE IS       4.95305 AT (  465795.67,  3763844.26,   251.50,
  251.50,    0.00)  GC  NCART1
          3RD HIGHEST VALUE IS       4.80988 AT (  465779.96,  3763824.18,   251.00,
  251.00,    0.00)  GC  NCART1
          4TH HIGHEST VALUE IS       4.77119 AT (  465811.38,  3763844.26,   251.50,
  251.50,    0.00)  GC  NCART1
          5TH HIGHEST VALUE IS       4.65543 AT (  465795.67,  3763824.18,   251.60,
  251.60,    0.00)  GC  NCART1
          6TH HIGHEST VALUE IS       4.59187 AT (  465827.08,  3763844.26,   251.20,
  251.20,    0.00)  GC  NCART1
          7TH HIGHEST VALUE IS       4.51624 AT (  465779.96,  3763804.10,   251.50,
  251.50,    0.00)  GC  NCART1
          8TH HIGHEST VALUE IS       4.49349 AT (  465811.38,  3763824.18,   251.60,
  251.60,    0.00)  GC  NCART1
          9TH HIGHEST VALUE IS       4.42894 AT (  465842.79,  3763844.26,   251.20,
  251.20,    0.00)  GC  NCART1
```

```
        10TH HIGHEST VALUE IS       4.35556 AT (  465795.67,  3763804.10,   251.10,
  251.10,    0.00)  GC  NCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/11/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        15:49:59

                                  PAGE   5
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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


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

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

ALL      HIGH   1ST HIGH VALUE IS      67.70742  ON 16091823: AT (  465370.10,
3764407.54,   275.39,   275.39,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/11/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        15:49:59

                                  PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

```
A Total of            0 Fatal Error Message(s)
A Total of            2 Warning Message(s)
A Total of         1638 Informational Message(s)

A Total of        43848 Hours Were Processed

A Total of         1039 Calm Hours Identified

A Total of          599 Missing Hours Identified (  1.37 Percent)


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


   ********   WARNING MESSAGES   ********
ME W186    1065       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187    1065       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

HARP2 - HRACalc (dated 22118) 3/5/2026 4:48:29 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 1.15

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 1.15
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

HARP2 - HRACalc (dated 22118) 3/5/2026 4:52:53 PM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

```
Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

**********
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

**********
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment.  Please see the input file for
details.
Tier2 - What was changed: ED or start age changed
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Fleetwood\2240 FLEETWOOD DRIVE
HARP2\hra\Unmit_Chronicr_ResNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Fleetwood\2240 FLEETWOOD DRIVE
HARP2\hra\Unmit_Chronicr_ResNCChronicRiskSumByRec.csv
HRA ran successfully
```

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Mixed

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Fleetwood\2240 FLEETWOOD DRIVE HARP2\hra\Unmit_Cancer_ResCancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Fleetwood\2240 FLEETWOOD DRIVE HARP2\hra\Unmit_Cancer_ResCancerRiskSumByRec.csv
HRA ran successfully

```
**
**************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/13/2024
** File: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\2240 Fleetwood Drive
Ops\2240 Fleetwood Drive Ops.ADI
**
**************************************
**
**
**************************************
** AERMOD Control Pathway
**************************************
**
**
CO STARTING
   TITLEONE C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 2189641 SCAQMD_Riverside_Pop
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "2240 Fleetwood Drive Ops.err"
CO FINISHED
**
**************************************
** AERMOD Source Pathway
**************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** ----------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = ALLIDLE
** DESCRSRC IDLE
** PREFIX
** Length of Side = 3.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 2
** 465343.819, 3764071.418, 266.14, 3.40, 1.72
** 465343.819, 3764003.285, 264.51, 3.40, 1.72
** ----------------------------------------------------------------------
```

```
   LOCATION L0000001     VOLUME   465343.819 3764069.568 266.07
   LOCATION L0000002     VOLUME   465343.819 3764065.868 265.97
   LOCATION L0000003     VOLUME   465343.819 3764062.168 265.86
   LOCATION L0000004     VOLUME   465343.819 3764058.468 265.76
   LOCATION L0000005     VOLUME   465343.819 3764054.768 265.66
   LOCATION L0000006     VOLUME   465343.819 3764051.068 265.56
   LOCATION L0000007     VOLUME   465343.819 3764047.368 265.47
   LOCATION L0000008     VOLUME   465343.819 3764043.668 265.37
   LOCATION L0000009     VOLUME   465343.819 3764039.968 265.28
   LOCATION L0000010     VOLUME   465343.819 3764036.268 265.19
   LOCATION L0000011     VOLUME   465343.819 3764032.568 265.09
   LOCATION L0000012     VOLUME   465343.819 3764028.868 265.00
   LOCATION L0000013     VOLUME   465343.819 3764025.168 264.91
   LOCATION L0000014     VOLUME   465343.819 3764021.468 264.81
   LOCATION L0000015     VOLUME   465343.819 3764017.768 264.70
   LOCATION L0000016     VOLUME   465343.819 3764014.068 264.58
   LOCATION L0000017     VOLUME   465343.819 3764010.368 264.47
   LOCATION L0000018     VOLUME   465343.819 3764006.668 264.35
** End of LINE VOLUME Source ID = ALLIDLE
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = CNGLIFT
** DESCRSRC CNG Forklifts
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
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** 465413.040, 3764023.217, 258.97, 3.40, 4.51
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   LOCATION L0000023     VOLUME   465350.720 3764025.963 264.63
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   LOCATION L0000025     VOLUME   465351.048 3764006.565 263.98
   LOCATION L0000026     VOLUME   465359.661 3764005.459 263.51
   LOCATION L0000027     VOLUME   465369.361 3764005.459 262.80
   LOCATION L0000028     VOLUME   465379.061 3764005.459 261.96
   LOCATION L0000029     VOLUME   465382.009 3764012.693 262.14
   LOCATION L0000030     VOLUME   465388.651 3764015.969 261.84
   LOCATION L0000031     VOLUME   465398.351 3764015.969 260.54
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   LOCATION L0000036     VOLUME   465420.156 3764042.532 259.62
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   LOCATION L0000045     VOLUME   465384.256 3764083.323 265.20
   LOCATION L0000046     VOLUME   465383.967 3764073.628 264.78
   LOCATION L0000047     VOLUME   465383.446 3764064.167 264.38
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   LOCATION L0000050     VOLUME   465354.348 3764063.808 265.56
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   LOCATION L0000053     VOLUME   465354.939 3764034.734 264.69
   LOCATION L0000054     VOLUME   465355.142 3764025.036 264.42
   LOCATION L0000055     VOLUME   465355.346 3764015.338 264.09
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   LOCATION L0000057     VOLUME   465371.457 3764012.297 262.95
   LOCATION L0000058     VOLUME   465373.640 3764019.598 263.15
   LOCATION L0000059     VOLUME   465380.339 3764022.617 262.82
   LOCATION L0000060     VOLUME   465390.037 3764022.795 262.10
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   LOCATION L0000062     VOLUME   465409.434 3764023.151 259.80
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   LOCATION L0000064     VOLUME   465412.655 3764039.007 260.63
   LOCATION L0000065     VOLUME   465412.418 3764048.704 261.39
   LOCATION L0000066     VOLUME   465412.182 3764058.401 262.11
   LOCATION L0000067     VOLUME   465411.945 3764068.098 262.79
   LOCATION L0000068     VOLUME   465411.708 3764077.795 263.48
   LOCATION L0000069     VOLUME   465406.750 3764082.572 264.07
   LOCATION L0000070     VOLUME   465397.052 3764082.411 264.57
   LOCATION L0000071     VOLUME   465389.881 3764079.798 264.83
   LOCATION L0000072     VOLUME   465390.019 3764070.099 264.35
   LOCATION L0000073     VOLUME   465390.158 3764060.400 263.87
   LOCATION L0000074     VOLUME   465383.987 3764056.996 264.03
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   LOCATION L0000076     VOLUME   465364.588 3764057.227 264.96
   LOCATION L0000077     VOLUME   465360.066 3764052.417 264.97
   LOCATION L0000078     VOLUME   465360.665 3764042.736 264.67
   LOCATION L0000079     VOLUME   465361.264 3764033.054 264.38
   LOCATION L0000080     VOLUME   465361.863 3764023.373 264.08
   LOCATION L0000081     VOLUME   465365.577 3764017.277 263.63
   LOCATION L0000082     VOLUME   465368.559 3764024.893 263.71
   LOCATION L0000083     VOLUME   465374.387 3764029.291 263.47
   LOCATION L0000084     VOLUME   465384.075 3764029.771 262.86
   LOCATION L0000085     VOLUME   465393.763 3764030.251 262.04
   LOCATION L0000086     VOLUME   465403.452 3764030.730 261.00
   LOCATION L0000087     VOLUME   465405.125 3764038.542 261.34
   LOCATION L0000088     VOLUME   465404.744 3764048.235 262.02
   LOCATION L0000089     VOLUME   465404.362 3764057.927 262.67
   LOCATION L0000090     VOLUME   465403.980 3764067.620 263.29
   LOCATION L0000091     VOLUME   465403.159 3764076.855 263.91
   LOCATION L0000092     VOLUME   465393.861 3764076.483 264.43
   LOCATION L0000093     VOLUME   465394.619 3764066.812 263.88
   LOCATION L0000094     VOLUME   465395.378 3764057.142 263.31
   LOCATION L0000095     VOLUME   465396.136 3764047.472 262.72
   LOCATION L0000096     VOLUME   465394.638 3764039.861 262.45
   LOCATION L0000097     VOLUME   465384.939 3764039.733 263.23
   LOCATION L0000098     VOLUME   465375.240 3764039.606 263.79
   LOCATION L0000099     VOLUME   465369.188 3764043.174 264.25
** End of LINE VOLUME Source ID = CNGLIFT
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = DSLLIFT
** DESCRSRC Diesel Forklifts
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
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   LOCATION L0000106     VOLUME   465354.680 3764007.259 263.83
   LOCATION L0000107     VOLUME   465364.380 3764007.210 263.30
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   LOCATION L0000109     VOLUME   465383.780 3764007.114 261.66
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   LOCATION L0000112     VOLUME   465412.880 3764006.969 257.42
   LOCATION L0000113     VOLUME   465422.579 3764006.921 255.27
   LOCATION L0000114     VOLUME   465427.651 3764013.689 254.84
   LOCATION L0000115     VOLUME   465431.183 3764022.723 254.98
   LOCATION L0000116     VOLUME   465434.716 3764031.757 255.31
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LOCATION L0000119 VOLUME 465445.315 3764058.858 257.02
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LOCATION L0000121 VOLUME 465445.308 3764073.997 259.46
LOCATION L0000122 VOLUME 465436.423 3764077.889 261.50
LOCATION L0000123 VOLUME 465427.538 3764081.781 262.69
LOCATION L0000124 VOLUME 465418.653 3764085.673 263.58
LOCATION L0000125 VOLUME 465409.768 3764089.564 264.24
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LOCATION L0000127 VOLUME 465390.667 3764090.804 265.11
LOCATION L0000128 VOLUME 465380.968 3764090.692 265.51
LOCATION L0000129 VOLUME 465375.512 3764086.549 265.61
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LOCATION L0000131 VOLUME 465390.114 3764082.099 264.93
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LOCATION L0000136 VOLUME 465436.205 3764070.198 260.41
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LOCATION L0000159 VOLUME 465404.889 3764069.137 263.33
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LOCATION L0000163 VOLUME 465405.891 3764038.717 261.28
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   LOCATION L0000171     VOLUME   465365.946 3764024.589 263.87
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   LOCATION L0000173     VOLUME   465385.345 3764024.358 262.55
   LOCATION L0000174     VOLUME   465392.133 3764028.974 262.15
   LOCATION L0000175     VOLUME   465396.401 3764037.684 262.16
   LOCATION L0000176     VOLUME   465400.669 3764046.395 262.26
   LOCATION L0000177     VOLUME   465404.937 3764055.105 262.45
   LOCATION L0000178     VOLUME   465403.962 3764060.546 262.86
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   LOCATION L0000181     VOLUME   465374.862 3764060.546 264.61
   LOCATION L0000182     VOLUME   465370.881 3764067.948 265.09
   LOCATION L0000183     VOLUME   465361.908 3764068.570 265.48
   LOCATION L0000184     VOLUME   465360.490 3764060.238 265.23
   LOCATION L0000185     VOLUME   465360.490 3764050.538 264.90
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** End of LINE VOLUME Source ID = DSLLIFT
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = DSLEXC
** DESCRSRC Diesel Excavators
** PREFIX
** Length of Side = 10.00
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 10.00
** SZINIT = 4.65
** Nodes = 35
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   LOCATION L0000205     VOLUME   465459.953 3764076.831 256.69
   LOCATION L0000206     VOLUME   465455.462 3764067.897 256.20
   LOCATION L0000207     VOLUME   465450.970 3764058.962 255.75
   LOCATION L0000208     VOLUME   465446.479 3764050.028 255.39
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** Line Source Represented by Adjacent Volume Sources
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** DESCRSRC Trucks to Lucern Valley
** PREFIX
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** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
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** LINE VOLUME Source ID = TRUCK2
** DESCRSRC Truck Route 2 to Azusa Land Fill
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 44
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** DESCRSRC Truck Route to Port of Long Beach
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
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** End of LINE VOLUME Source ID = TRUCK3
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** LINE VOLUME Source ID = TRUCK4
** DESCRSRC Truck Route 4 to Other Locations
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 55
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   LOCATION L0006584     VOLUME   475312.281 3755627.609 503.90
** End of LINE VOLUME Source ID = TRUCK4
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** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = TRUCK5
** DESCRSRC Truck 5 Other Locations N to I-10
** PREFIX
** Length of Side = 9.70
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 6.80
** SZINIT = 3.16
** Nodes = 44
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LOCATION L0007575 VOLUME 463430.434 3771354.011 354.12
LOCATION L0007576 VOLUME 463430.410 3771363.711 354.25
LOCATION L0007577 VOLUME 463430.386 3771373.411 354.40
LOCATION L0007578 VOLUME 463430.361 3771383.110 354.56
LOCATION L0007579 VOLUME 463430.337 3771392.810 354.74
LOCATION L0007580 VOLUME 463430.313 3771402.510 354.97
LOCATION L0007581 VOLUME 463430.289 3771412.210 355.21
LOCATION L0007582 VOLUME 463430.264 3771421.910 355.42
LOCATION L0007583 VOLUME 463430.240 3771431.610 355.52
LOCATION L0007584 VOLUME 463430.216 3771441.310 355.62
LOCATION L0007585 VOLUME 463430.192 3771451.010 355.73
LOCATION L0007586 VOLUME 463430.167 3771460.710 355.86
LOCATION L0007587 VOLUME 463430.143 3771470.410 355.99
LOCATION L0007588 VOLUME 463430.119 3771480.110 356.13
LOCATION L0007589 VOLUME 463430.095 3771489.810 356.23
LOCATION L0007590 VOLUME 463430.070 3771499.510 356.32
LOCATION L0007591 VOLUME 463430.046 3771509.210 356.42

LOCATION L0007592 VOLUME 463430.022 3771518.910 356.51
LOCATION L0007593 VOLUME 463429.998 3771528.610 356.60
LOCATION L0007594 VOLUME 463429.973 3771538.310 356.69
LOCATION L0007595 VOLUME 463429.949 3771548.010 356.79
LOCATION L0007596 VOLUME 463429.925 3771557.710 356.91
LOCATION L0007597 VOLUME 463429.901 3771567.410 357.03
LOCATION L0007598 VOLUME 463429.876 3771577.110 357.14
LOCATION L0007599 VOLUME 463429.852 3771586.810 357.24
LOCATION L0007600 VOLUME 463429.828 3771596.510 357.34
LOCATION L0007601 VOLUME 463429.804 3771606.210 357.44
LOCATION L0007602 VOLUME 463429.779 3771615.910 357.57
LOCATION L0007603 VOLUME 463429.755 3771625.610 357.71
LOCATION L0007604 VOLUME 463429.731 3771635.310 357.85
LOCATION L0007605 VOLUME 463429.707 3771645.010 357.99
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LOCATION L0007607 VOLUME 463429.658 3771664.410 358.27
LOCATION L0007608 VOLUME 463429.634 3771674.110 358.44
LOCATION L0007609 VOLUME 463429.610 3771683.810 358.62
LOCATION L0007610 VOLUME 463429.585 3771693.510 358.80
LOCATION L0007611 VOLUME 463429.561 3771703.209 358.96
LOCATION L0007612 VOLUME 463429.537 3771712.909 359.11
LOCATION L0007613 VOLUME 463429.513 3771722.609 359.26
LOCATION L0007614 VOLUME 463429.488 3771732.309 359.39
LOCATION L0007615 VOLUME 463429.464 3771742.009 359.51
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LOCATION L0007618 VOLUME 463429.391 3771771.109 359.88
LOCATION L0007619 VOLUME 463429.367 3771780.809 360.00
LOCATION L0007620 VOLUME 463429.343 3771790.509 360.13
LOCATION L0007621 VOLUME 463429.319 3771800.209 360.27
LOCATION L0007622 VOLUME 463429.294 3771809.909 360.42
LOCATION L0007623 VOLUME 463429.270 3771819.609 360.56
LOCATION L0007624 VOLUME 463429.246 3771829.309 360.74
LOCATION L0007625 VOLUME 463429.222 3771839.009 360.92
LOCATION L0007626 VOLUME 463429.197 3771848.709 361.10
LOCATION L0007627 VOLUME 463429.173 3771858.409 361.27
LOCATION L0007628 VOLUME 463429.149 3771868.109 361.43
LOCATION L0007629 VOLUME 463429.125 3771877.809 361.59
LOCATION L0007630 VOLUME 463429.100 3771887.509 361.76
LOCATION L0007631 VOLUME 463429.076 3771897.209 361.94
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LOCATION L0007637 VOLUME 463428.931 3771955.409 362.91
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LOCATION L0007639 VOLUME 463428.882 3771974.809 363.09
LOCATION L0007640 VOLUME 463428.858 3771984.509 363.23
LOCATION L0007641 VOLUME 463428.834 3771994.209 363.38

LOCATION L0007642 VOLUME 463428.809 3772003.909 363.52
LOCATION L0007643 VOLUME 463428.785 3772013.609 363.69
LOCATION L0007644 VOLUME 463428.761 3772023.308 363.87
LOCATION L0007645 VOLUME 463428.737 3772033.008 364.05
LOCATION L0007646 VOLUME 463428.712 3772042.708 364.19
LOCATION L0007647 VOLUME 463428.688 3772052.408 364.30
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LOCATION L0007649 VOLUME 463428.640 3772071.808 364.55
LOCATION L0007650 VOLUME 463428.615 3772081.508 364.72
LOCATION L0007651 VOLUME 463428.591 3772091.208 364.89
LOCATION L0007652 VOLUME 463428.567 3772100.908 365.07
LOCATION L0007653 VOLUME 463428.543 3772110.608 365.24
LOCATION L0007654 VOLUME 463428.518 3772120.308 365.41
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LOCATION L0007659 VOLUME 463428.397 3772168.808 366.00
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LOCATION L0007661 VOLUME 463428.349 3772188.208 366.25
LOCATION L0007662 VOLUME 463428.324 3772197.908 366.38
LOCATION L0007663 VOLUME 463428.300 3772207.608 366.51
LOCATION L0007664 VOLUME 463428.276 3772217.308 366.65
LOCATION L0007665 VOLUME 463428.252 3772227.008 366.79
LOCATION L0007666 VOLUME 463428.227 3772236.708 366.94
LOCATION L0007667 VOLUME 463428.203 3772246.408 367.08
LOCATION L0007668 VOLUME 463428.179 3772256.108 367.24
LOCATION L0007669 VOLUME 463428.155 3772265.808 367.41
LOCATION L0007670 VOLUME 463428.130 3772275.508 367.58
LOCATION L0007671 VOLUME 463428.106 3772285.208 367.75
LOCATION L0007672 VOLUME 463428.082 3772294.908 367.92
LOCATION L0007673 VOLUME 463428.058 3772304.608 368.09
LOCATION L0007674 VOLUME 463428.033 3772314.308 368.26
LOCATION L0007675 VOLUME 463428.009 3772324.008 368.40
LOCATION L0007676 VOLUME 463427.985 3772333.708 368.53
LOCATION L0007677 VOLUME 463427.961 3772343.407 368.67
LOCATION L0007678 VOLUME 463427.936 3772353.107 368.78
LOCATION L0007679 VOLUME 463427.912 3772362.807 368.89
LOCATION L0007680 VOLUME 463427.888 3772372.507 369.00
LOCATION L0007681 VOLUME 463427.864 3772382.207 369.13
LOCATION L0007682 VOLUME 463427.839 3772391.907 369.25
LOCATION L0007683 VOLUME 463427.815 3772401.607 369.38
LOCATION L0007684 VOLUME 463427.791 3772411.307 369.53
LOCATION L0007685 VOLUME 463427.767 3772421.007 369.72
LOCATION L0007686 VOLUME 463427.742 3772430.707 369.90
LOCATION L0007687 VOLUME 463427.718 3772440.407 370.05
LOCATION L0007688 VOLUME 463427.694 3772450.107 370.17
LOCATION L0007689 VOLUME 463427.670 3772459.807 370.28
LOCATION L0007690 VOLUME 463427.645 3772469.507 370.39
LOCATION L0007691 VOLUME 463427.621 3772479.207 370.49

LOCATION L0007692 VOLUME 463427.597 3772488.907 370.59
LOCATION L0007693 VOLUME 463427.573 3772498.607 370.69
LOCATION L0007694 VOLUME 463427.548 3772508.307 370.81
LOCATION L0007695 VOLUME 463427.524 3772518.007 370.92
LOCATION L0007696 VOLUME 463427.500 3772527.707 371.04
LOCATION L0007697 VOLUME 463427.476 3772537.407 371.18
LOCATION L0007698 VOLUME 463427.451 3772547.107 371.32
LOCATION L0007699 VOLUME 463427.427 3772556.807 371.46
LOCATION L0007700 VOLUME 463427.403 3772566.507 371.63
LOCATION L0007701 VOLUME 463427.379 3772576.207 371.81
LOCATION L0007702 VOLUME 463427.354 3772585.907 371.99
LOCATION L0007703 VOLUME 463427.330 3772595.607 372.17
LOCATION L0007704 VOLUME 463427.306 3772605.307 372.33
LOCATION L0007705 VOLUME 463427.282 3772615.007 372.50
LOCATION L0007706 VOLUME 463427.257 3772624.707 372.67
LOCATION L0007707 VOLUME 463427.233 3772634.407 372.82
LOCATION L0007708 VOLUME 463427.209 3772644.107 372.98
LOCATION L0007709 VOLUME 463427.185 3772653.807 373.14
LOCATION L0007710 VOLUME 463427.160 3772663.506 373.32
LOCATION L0007711 VOLUME 463427.136 3772673.206 373.50
LOCATION L0007712 VOLUME 463427.112 3772682.906 373.68
LOCATION L0007713 VOLUME 463427.088 3772692.606 373.87
LOCATION L0007714 VOLUME 463427.063 3772702.306 374.06
LOCATION L0007715 VOLUME 463427.039 3772712.006 374.26
LOCATION L0007716 VOLUME 463427.015 3772721.706 374.43
LOCATION L0007717 VOLUME 463426.991 3772731.406 374.59
LOCATION L0007718 VOLUME 463426.966 3772741.106 374.75
LOCATION L0007719 VOLUME 463426.942 3772750.806 374.92
LOCATION L0007720 VOLUME 463426.918 3772760.506 375.10
LOCATION L0007721 VOLUME 463426.894 3772770.206 375.27
LOCATION L0007722 VOLUME 463426.869 3772779.906 375.47
LOCATION L0007723 VOLUME 463426.845 3772789.606 375.69
LOCATION L0007724 VOLUME 463426.821 3772799.306 375.91
LOCATION L0007725 VOLUME 463426.797 3772809.006 376.15
LOCATION L0007726 VOLUME 463426.772 3772818.706 376.41
LOCATION L0007727 VOLUME 463426.748 3772828.406 376.68
LOCATION L0007728 VOLUME 463426.724 3772838.106 376.93
LOCATION L0007729 VOLUME 463426.700 3772847.806 377.13
LOCATION L0007730 VOLUME 463426.675 3772857.506 377.32
LOCATION L0007731 VOLUME 463426.651 3772867.206 377.51
LOCATION L0007732 VOLUME 463426.627 3772876.906 377.59
LOCATION L0007733 VOLUME 463426.603 3772886.606 377.65
LOCATION L0007734 VOLUME 463426.578 3772896.306 377.72
LOCATION L0007735 VOLUME 463426.554 3772906.006 377.78
LOCATION L0007736 VOLUME 463426.530 3772915.706 377.83
LOCATION L0007737 VOLUME 463426.506 3772925.406 377.89
LOCATION L0007738 VOLUME 463426.481 3772935.106 377.94
LOCATION L0007739 VOLUME 463426.457 3772944.806 378.00
LOCATION L0007740 VOLUME 463426.433 3772954.506 378.06
LOCATION L0007741 VOLUME 463426.409 3772964.206 378.13

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   LOCATION L0007742     VOLUME   463426.384 3772973.906 378.22
   LOCATION L0007743     VOLUME   463426.360 3772983.605 378.30
   LOCATION L0007744     VOLUME   463426.336 3772993.305 378.40
   LOCATION L0007745     VOLUME   463426.312 3773003.005 378.53
   LOCATION L0007746     VOLUME   463426.287 3773012.705 378.66
   LOCATION L0007747     VOLUME   463426.263 3773022.405 378.80
   LOCATION L0007748     VOLUME   463426.239 3773032.105 378.97
   LOCATION L0007749     VOLUME   463426.215 3773041.805 379.15
   LOCATION L0007750     VOLUME   463426.190 3773051.505 379.32
   LOCATION L0007751     VOLUME   463426.166 3773061.205 379.51
   LOCATION L0007752     VOLUME   463426.142 3773070.905 379.69
   LOCATION L0007753     VOLUME   463426.118 3773080.605 379.88
   LOCATION L0007754     VOLUME   463426.093 3773090.305 380.07
   LOCATION L0007755     VOLUME   463426.069 3773100.005 380.26
   LOCATION L0007756     VOLUME   463426.045 3773109.705 380.44
   LOCATION L0007757     VOLUME   463426.021 3773119.405 380.63
   LOCATION L0007758     VOLUME   463425.996 3773129.105 380.82
   LOCATION L0007759     VOLUME   463425.972 3773138.805 381.01
   LOCATION L0007760     VOLUME   463425.948 3773148.505 381.20
   LOCATION L0007761     VOLUME   463425.924 3773158.205 381.38
   LOCATION L0007762     VOLUME   463425.899 3773167.905 381.57
** End of LINE VOLUME Source ID = TRUCK5
** Source Parameters **
** LINE VOLUME Source ID = ALLIDLE
   SRCPARAM L0000001     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000002     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000003     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000004     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000005     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000006     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000007     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000008     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000009     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000010     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000011     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000012     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000013     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000014     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000015     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000016     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000017     0.0555555556      3.40      1.72      3.16
   SRCPARAM L0000018     0.0555555556      3.40      1.72      3.16
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** LINE VOLUME Source ID = CNGLIFT
   SRCPARAM L0000019     0.012345679       3.40      4.51      3.16
   SRCPARAM L0000020     0.012345679       3.40      4.51      3.16
   SRCPARAM L0000021     0.012345679       3.40      4.51      3.16
   SRCPARAM L0000022     0.012345679       3.40      4.51      3.16
   SRCPARAM L0000023     0.012345679       3.40      4.51      3.16
   SRCPARAM L0000024     0.012345679       3.40      4.51      3.16
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SRCPARAM L0000025     0.012345679      3.40      4.51      3.16
SRCPARAM L0000026     0.012345679      3.40      4.51      3.16
SRCPARAM L0000027     0.012345679      3.40      4.51      3.16
SRCPARAM L0000028     0.012345679      3.40      4.51      3.16
SRCPARAM L0000029     0.012345679      3.40      4.51      3.16
SRCPARAM L0000030     0.012345679      3.40      4.51      3.16
SRCPARAM L0000031     0.012345679      3.40      4.51      3.16
SRCPARAM L0000032     0.012345679      3.40      4.51      3.16
SRCPARAM L0000033     0.012345679      3.40      4.51      3.16
SRCPARAM L0000034     0.012345679      3.40      4.51      3.16
SRCPARAM L0000035     0.012345679      3.40      4.51      3.16
SRCPARAM L0000036     0.012345679      3.40      4.51      3.16
SRCPARAM L0000037     0.012345679      3.40      4.51      3.16
SRCPARAM L0000038     0.012345679      3.40      4.51      3.16
SRCPARAM L0000039     0.012345679      3.40      4.51      3.16
SRCPARAM L0000040     0.012345679      3.40      4.51      3.16
SRCPARAM L0000041     0.012345679      3.40      4.51      3.16
SRCPARAM L0000042     0.012345679      3.40      4.51      3.16
SRCPARAM L0000043     0.012345679      3.40      4.51      3.16
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SRCPARAM L0000045     0.012345679      3.40      4.51      3.16
SRCPARAM L0000046     0.012345679      3.40      4.51      3.16
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SRCPARAM L0000052     0.012345679      3.40      4.51      3.16
SRCPARAM L0000053     0.012345679      3.40      4.51      3.16
SRCPARAM L0000054     0.012345679      3.40      4.51      3.16
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SRCPARAM L0000062     0.012345679      3.40      4.51      3.16
SRCPARAM L0000063     0.012345679      3.40      4.51      3.16
SRCPARAM L0000064     0.012345679      3.40      4.51      3.16
SRCPARAM L0000065     0.012345679      3.40      4.51      3.16
SRCPARAM L0000066     0.012345679      3.40      4.51      3.16
SRCPARAM L0000067     0.012345679      3.40      4.51      3.16
SRCPARAM L0000068     0.012345679      3.40      4.51      3.16
SRCPARAM L0000069     0.012345679      3.40      4.51      3.16
SRCPARAM L0000070     0.012345679      3.40      4.51      3.16
SRCPARAM L0000071     0.012345679      3.40      4.51      3.16
SRCPARAM L0000072     0.012345679      3.40      4.51      3.16
SRCPARAM L0000073     0.012345679      3.40      4.51      3.16
SRCPARAM L0000074     0.012345679      3.40      4.51      3.16
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   SRCPARAM L0000075     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000076     0.012345679      3.40      4.51      3.16
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   SRCPARAM L0000079     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000080     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000081     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000082     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000083     0.012345679      3.40      4.51      3.16
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   SRCPARAM L0000085     0.012345679      3.40      4.51      3.16
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   SRCPARAM L0000087     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000088     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000089     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000090     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000091     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000092     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000093     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000094     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000095     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000096     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000097     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000098     0.012345679      3.40      4.51      3.16
   SRCPARAM L0000099     0.012345679      3.40      4.51      3.16
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** LINE VOLUME Source ID = DSLLIFT
   SRCPARAM L0000100     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000101     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000102     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000103     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000104     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000105     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000106     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000107     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000108     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000109     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000110     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000111     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000112     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000113     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000114     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000115     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000116     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000117     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000118     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000119     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000120     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000121     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000122     0.0104166667      3.40      4.51      3.16
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SRCPARAM L0000123     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000124     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000125     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000126     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000127     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000128     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000129     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000130     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000131     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000132     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000133     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000134     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000135     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000136     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000137     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000138     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000139     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000140     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000141     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000142     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000143     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000144     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000145     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000146     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000147     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000148     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000149     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000150     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000151     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000152     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000153     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000154     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000155     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000156     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000157     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000158     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000159     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000160     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000161     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000162     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000163     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000164     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000165     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000166     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000167     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000168     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000169     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000170     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000171     0.0104166667      3.40      4.51      3.16
SRCPARAM L0000172     0.0104166667      3.40      4.51      3.16
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   SRCPARAM L0000173     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000174     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000175     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000176     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000177     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000178     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000179     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000180     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000181     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000182     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000183     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000184     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000185     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000186     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000187     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000188     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000189     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000190     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000191     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000192     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000193     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000194     0.0104166667      3.40      4.51      3.16
   SRCPARAM L0000195     0.0104166667      3.40      4.51      3.16
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** LINE VOLUME Source ID = DSLEXC
   SRCPARAM L0000196     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000197     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000198     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000199     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000200     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000201     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000202     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000203     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000204     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000205     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000206     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000207     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000208     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000209     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000210     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000211     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000212     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000213     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000214     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000215     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000216     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000217     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000218     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000219     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000220     0.0083333333      5.00      4.65      4.65
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SRCPARAM L0000221     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000222     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000223     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000224     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000225     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000226     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000227     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000228     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000229     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000230     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000231     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000232     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000233     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000234     0.0083333333      5.00      4.65      4.65
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SRCPARAM L0000238     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000239     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000240     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000241     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000242     0.0083333333      5.00      4.65      4.65
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SRCPARAM L0000244     0.0083333333      5.00      4.65      4.65
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SRCPARAM L0000246     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000247     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000248     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000249     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000250     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000251     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000252     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000253     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000254     0.0083333333      5.00      4.65      4.65
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SRCPARAM L0000256     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000257     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000258     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000259     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000260     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000261     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000262     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000263     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000264     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000265     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000266     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000267     0.0083333333      5.00      4.65      4.65
SRCPARAM L0000268     0.0083333333      5.00      4.65      4.65
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SRCPARAM L0000270     0.0083333333      5.00      4.65      4.65
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   SRCPARAM L0000271     0.0083333333      5.00      4.65      4.65
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   SRCPARAM L0000273     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000274     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000275     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000276     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000277     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000278     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000279     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000280     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000281     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000282     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000283     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000284     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000285     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000286     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000287     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000288     0.0083333333      5.00      4.65      4.65
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   SRCPARAM L0000291     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000292     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000293     0.0083333333      5.00      4.65      4.65
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   SRCPARAM L0000295     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000296     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000297     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000298     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000299     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000300     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000301     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000302     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000303     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000304     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000305     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000306     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000307     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000308     0.0083333333      5.00      4.65      4.65
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   SRCPARAM L0000310     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000311     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000312     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000313     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000314     0.0083333333      5.00      4.65      4.65
   SRCPARAM L0000315     0.0083333333      5.00      4.65      4.65
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** LINE VOLUME Source ID = TRUCK1
   SRCPARAM L0000316     0.000509684      3.40      4.51      3.16
   SRCPARAM L0000317     0.000509684      3.40      4.51      3.16
   SRCPARAM L0000318     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000319     0.000509684      3.40      4.51      3.16
SRCPARAM L0000320     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000322     0.000509684      3.40      4.51      3.16
SRCPARAM L0000323     0.000509684      3.40      4.51      3.16
SRCPARAM L0000324     0.000509684      3.40      4.51      3.16
SRCPARAM L0000325     0.000509684      3.40      4.51      3.16
SRCPARAM L0000326     0.000509684      3.40      4.51      3.16
SRCPARAM L0000327     0.000509684      3.40      4.51      3.16
SRCPARAM L0000328     0.000509684      3.40      4.51      3.16
SRCPARAM L0000329     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000332     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000335     0.000509684      3.40      4.51      3.16
SRCPARAM L0000336     0.000509684      3.40      4.51      3.16
SRCPARAM L0000337     0.000509684      3.40      4.51      3.16
SRCPARAM L0000338     0.000509684      3.40      4.51      3.16
SRCPARAM L0000339     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000364     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000366     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000368     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000390     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000392     0.000509684      3.40      4.51      3.16
SRCPARAM L0000393     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000399     0.000509684      3.40      4.51      3.16
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SRCPARAM L0000402     0.000509684      3.40      4.51      3.16
SRCPARAM L0000403     0.000509684      3.40      4.51      3.16
SRCPARAM L0000404     0.000509684      3.40      4.51      3.16
SRCPARAM L0000405     0.000509684      3.40      4.51      3.16
SRCPARAM L0000406     0.000509684      3.40      4.51      3.16
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SRCGROUP TRUCK5   L0007197 L0007198 L0007199 L0007200 L0007201 L0007202
SRCGROUP TRUCK5   L0007203 L0007204 L0007205 L0007206 L0007207 L0007208
SRCGROUP TRUCK5   L0007209 L0007210 L0007211 L0007212 L0007213 L0007214
SRCGROUP TRUCK5   L0007215 L0007216 L0007217 L0007218 L0007219 L0007220
SRCGROUP TRUCK5   L0007221 L0007222 L0007223 L0007224 L0007225 L0007226
SRCGROUP TRUCK5   L0007227 L0007228 L0007229 L0007230 L0007231 L0007232
SRCGROUP TRUCK5   L0007233 L0007234 L0007235 L0007236 L0007237 L0007238
SRCGROUP TRUCK5   L0007239 L0007240 L0007241 L0007242 L0007243 L0007244
SRCGROUP TRUCK5   L0007245 L0007246 L0007247 L0007248 L0007249 L0007250
SRCGROUP TRUCK5   L0007251 L0007252 L0007253 L0007254 L0007255 L0007256
SRCGROUP TRUCK5   L0007257 L0007258 L0007259 L0007260 L0007261 L0007262
SRCGROUP TRUCK5   L0007263 L0007264 L0007265 L0007266 L0007267 L0007268
SRCGROUP TRUCK5   L0007269 L0007270 L0007271 L0007272 L0007273 L0007274
SRCGROUP TRUCK5   L0007275 L0007276 L0007277 L0007278 L0007279 L0007280
SRCGROUP TRUCK5   L0007281 L0007282 L0007283 L0007284 L0007285 L0007286
SRCGROUP TRUCK5   L0007287 L0007288 L0007289 L0007290 L0007291 L0007292
SRCGROUP TRUCK5   L0007293 L0007294 L0007295 L0007296 L0007297 L0007298
SRCGROUP TRUCK5   L0007299 L0007300 L0007301 L0007302 L0007303 L0007304
SRCGROUP TRUCK5   L0007305 L0007306 L0007307 L0007308 L0007309 L0007310
SRCGROUP TRUCK5   L0007311 L0007312 L0007313 L0007314 L0007315 L0007316
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SRCGROUP TRUCK5   L0007317 L0007318 L0007319 L0007320 L0007321 L0007322
SRCGROUP TRUCK5   L0007323 L0007324 L0007325 L0007326 L0007327 L0007328
SRCGROUP TRUCK5   L0007329 L0007330 L0007331 L0007332 L0007333 L0007334
SRCGROUP TRUCK5   L0007335 L0007336 L0007337 L0007338 L0007339 L0007340
SRCGROUP TRUCK5   L0007341 L0007342 L0007343 L0007344 L0007345 L0007346
SRCGROUP TRUCK5   L0007347 L0007348 L0007349 L0007350 L0007351 L0007352
SRCGROUP TRUCK5   L0007353 L0007354 L0007355 L0007356 L0007357 L0007358
SRCGROUP TRUCK5   L0007359 L0007360 L0007361 L0007362 L0007363 L0007364
SRCGROUP TRUCK5   L0007365 L0007366 L0007367 L0007368 L0007369 L0007370
SRCGROUP TRUCK5   L0007371 L0007372 L0007373 L0007374 L0007375 L0007376
SRCGROUP TRUCK5   L0007377 L0007378 L0007379 L0007380 L0007381 L0007382
SRCGROUP TRUCK5   L0007383 L0007384 L0007385 L0007386 L0007387 L0007388
SRCGROUP TRUCK5   L0007389 L0007390 L0007391 L0007392 L0007393 L0007394
SRCGROUP TRUCK5   L0007395 L0007396 L0007397 L0007398 L0007399 L0007400
SRCGROUP TRUCK5   L0007401 L0007402 L0007403 L0007404 L0007405 L0007406
SRCGROUP TRUCK5   L0007407 L0007408 L0007409 L0007410 L0007411 L0007412
SRCGROUP TRUCK5   L0007413 L0007414 L0007415 L0007416 L0007417 L0007418
SRCGROUP TRUCK5   L0007419 L0007420 L0007421 L0007422 L0007423 L0007424
SRCGROUP TRUCK5   L0007425 L0007426 L0007427 L0007428 L0007429 L0007430
SRCGROUP TRUCK5   L0007431 L0007432 L0007433 L0007434 L0007435 L0007436
SRCGROUP TRUCK5   L0007437 L0007438 L0007439 L0007440 L0007441 L0007442
SRCGROUP TRUCK5   L0007443 L0007444 L0007445 L0007446 L0007447 L0007448
SRCGROUP TRUCK5   L0007449 L0007450 L0007451 L0007452 L0007453 L0007454
SRCGROUP TRUCK5   L0007455 L0007456 L0007457 L0007458 L0007459 L0007460
SRCGROUP TRUCK5   L0007461 L0007462 L0007463 L0007464 L0007465 L0007466
SRCGROUP TRUCK5   L0007467 L0007468 L0007469 L0007470 L0007471 L0007472
SRCGROUP TRUCK5   L0007473 L0007474 L0007475 L0007476 L0007477 L0007478
SRCGROUP TRUCK5   L0007479 L0007480 L0007481 L0007482 L0007483 L0007484
SRCGROUP TRUCK5   L0007485 L0007486 L0007487 L0007488 L0007489 L0007490
SRCGROUP TRUCK5   L0007491 L0007492 L0007493 L0007494 L0007495 L0007496
SRCGROUP TRUCK5   L0007497 L0007498 L0007499 L0007500 L0007501 L0007502
SRCGROUP TRUCK5   L0007503 L0007504 L0007505 L0007506 L0007507 L0007508
SRCGROUP TRUCK5   L0007509 L0007510 L0007511 L0007512 L0007513 L0007514
SRCGROUP TRUCK5   L0007515 L0007516 L0007517 L0007518 L0007519 L0007520
SRCGROUP TRUCK5   L0007521 L0007522 L0007523 L0007524 L0007525 L0007526
SRCGROUP TRUCK5   L0007527 L0007528 L0007529 L0007530 L0007531 L0007532
SRCGROUP TRUCK5   L0007533 L0007534 L0007535 L0007536 L0007537 L0007538
SRCGROUP TRUCK5   L0007539 L0007540 L0007541 L0007542 L0007543 L0007544
SRCGROUP TRUCK5   L0007545 L0007546 L0007547 L0007548 L0007549 L0007550
SRCGROUP TRUCK5   L0007551 L0007552 L0007553 L0007554 L0007555 L0007556
SRCGROUP TRUCK5   L0007557 L0007558 L0007559 L0007560 L0007561 L0007562
SRCGROUP TRUCK5   L0007563 L0007564 L0007565 L0007566 L0007567 L0007568
SRCGROUP TRUCK5   L0007569 L0007570 L0007571 L0007572 L0007573 L0007574
SRCGROUP TRUCK5   L0007575 L0007576 L0007577 L0007578 L0007579 L0007580
SRCGROUP TRUCK5   L0007581 L0007582 L0007583 L0007584 L0007585 L0007586
SRCGROUP TRUCK5   L0007587 L0007588 L0007589 L0007590 L0007591 L0007592
SRCGROUP TRUCK5   L0007593 L0007594 L0007595 L0007596 L0007597 L0007598
SRCGROUP TRUCK5   L0007599 L0007600 L0007601 L0007602 L0007603 L0007604
SRCGROUP TRUCK5   L0007605 L0007606 L0007607 L0007608 L0007609 L0007610
SRCGROUP TRUCK5   L0007611 L0007612 L0007613 L0007614 L0007615 L0007616
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   SRCGROUP TRUCK5   L0007617 L0007618 L0007619 L0007620 L0007621 L0007622
   SRCGROUP TRUCK5   L0007623 L0007624 L0007625 L0007626 L0007627 L0007628
   SRCGROUP TRUCK5   L0007629 L0007630 L0007631 L0007632 L0007633 L0007634
   SRCGROUP TRUCK5   L0007635 L0007636 L0007637 L0007638 L0007639 L0007640
   SRCGROUP TRUCK5   L0007641 L0007642 L0007643 L0007644 L0007645 L0007646
   SRCGROUP TRUCK5   L0007647 L0007648 L0007649 L0007650 L0007651 L0007652
   SRCGROUP TRUCK5   L0007653 L0007654 L0007655 L0007656 L0007657 L0007658
   SRCGROUP TRUCK5   L0007659 L0007660 L0007661 L0007662 L0007663 L0007664
   SRCGROUP TRUCK5   L0007665 L0007666 L0007667 L0007668 L0007669 L0007670
   SRCGROUP TRUCK5   L0007671 L0007672 L0007673 L0007674 L0007675 L0007676
   SRCGROUP TRUCK5   L0007677 L0007678 L0007679 L0007680 L0007681 L0007682
   SRCGROUP TRUCK5   L0007683 L0007684 L0007685 L0007686 L0007687 L0007688
   SRCGROUP TRUCK5   L0007689 L0007690 L0007691 L0007692 L0007693 L0007694
   SRCGROUP TRUCK5   L0007695 L0007696 L0007697 L0007698 L0007699 L0007700
   SRCGROUP TRUCK5   L0007701 L0007702 L0007703 L0007704 L0007705 L0007706
   SRCGROUP TRUCK5   L0007707 L0007708 L0007709 L0007710 L0007711 L0007712
   SRCGROUP TRUCK5   L0007713 L0007714 L0007715 L0007716 L0007717 L0007718
   SRCGROUP TRUCK5   L0007719 L0007720 L0007721 L0007722 L0007723 L0007724
   SRCGROUP TRUCK5   L0007725 L0007726 L0007727 L0007728 L0007729 L0007730
   SRCGROUP TRUCK5   L0007731 L0007732 L0007733 L0007734 L0007735 L0007736
   SRCGROUP TRUCK5   L0007737 L0007738 L0007739 L0007740 L0007741 L0007742
   SRCGROUP TRUCK5   L0007743 L0007744 L0007745 L0007746 L0007747 L0007748
   SRCGROUP TRUCK5   L0007749 L0007750 L0007751 L0007752 L0007753 L0007754
   SRCGROUP TRUCK5   L0007755 L0007756 L0007757 L0007758 L0007759 L0007760
   SRCGROUP TRUCK5   L0007761 L0007762
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD Receptor Pathway
**************************************
**
**
RE STARTING
   INCLUDED "2240 Fleetwood Drive Ops.rou"
RE FINISHED
**
**************************************
** AERMOD Meteorology Pathway
**************************************
**
**
ME STARTING
   SURFFILE KRAL_V9_ADJU\KRAL_v9.SFC
   PROFFILE KRAL_V9_ADJU\KRAL_v9.PFL
   SURFDATA 3171 2012 KRAL_Riverside_Airport
   UAIRDATA 3190 2012
   PROFBASE 245.0 METERS
ME FINISHED
**
```

```
************************************
** AERMOD Output Pathway
************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1GALL.PLT" 31
   PLOTFILE 1 ALLIDLE 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1G001.PLT" 32
   PLOTFILE 1 CNGLIFT 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1G002.PLT" 33
   PLOTFILE 1 DSLEXC 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1G003.PLT" 34
   PLOTFILE 1 DSLLIFT 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1G004.PLT" 35
   PLOTFILE 1 TRUCK1 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1G005.PLT" 36
   PLOTFILE 1 TRUCK2 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1G006.PLT" 37
   PLOTFILE 1 TRUCK3 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1G007.PLT" 38
   PLOTFILE 1 TRUCK4 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1G008.PLT" 39
   PLOTFILE 1 TRUCK5 1ST "2240 FLEETWOOD DRIVE OPS.AD\01H1G009.PLT" 40
   PLOTFILE PERIOD ALL "2240 FLEETWOOD DRIVE OPS.AD\PE00GALL.PLT" 41
   PLOTFILE PERIOD ALLIDLE "2240 FLEETWOOD DRIVE OPS.AD\PE00G001.PLT" 42
   PLOTFILE PERIOD CNGLIFT "2240 FLEETWOOD DRIVE OPS.AD\PE00G002.PLT" 43
   PLOTFILE PERIOD DSLEXC "2240 FLEETWOOD DRIVE OPS.AD\PE00G003.PLT" 44
   PLOTFILE PERIOD DSLLIFT "2240 FLEETWOOD DRIVE OPS.AD\PE00G004.PLT" 45
   PLOTFILE PERIOD TRUCK1 "2240 FLEETWOOD DRIVE OPS.AD\PE00G005.PLT" 46
   PLOTFILE PERIOD TRUCK2 "2240 FLEETWOOD DRIVE OPS.AD\PE00G006.PLT" 47
   PLOTFILE PERIOD TRUCK3 "2240 FLEETWOOD DRIVE OPS.AD\PE00G007.PLT" 48
   PLOTFILE PERIOD TRUCK4 "2240 FLEETWOOD DRIVE OPS.AD\PE00G008.PLT" 49
   PLOTFILE PERIOD TRUCK5 "2240 FLEETWOOD DRIVE OPS.AD\PE00G009.PLT" 50
   SUMMFILE "2240 Fleetwood Drive Ops.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   17348       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   17348       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
```

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

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

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

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  7762 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  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:   7762 Source(s);      10 Source Group(s); and     425
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   7762 VOLUME source(s)
```

```
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                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) =   245.00 ;  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 =      7.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   2240 Fleetwood Drive Ops.err

 **File for Summary of Results:   2240 Fleetwood Drive Ops.sum

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000001	0	0.55556E-01	465343.8	3764069.6	266.1	3.40	1.72	3.16	YES	NO	
L0000002	0	0.55556E-01	465343.8	3764065.9	266.0	3.40	1.72	3.16	YES	NO	
L0000003	0	0.55556E-01	465343.8	3764062.2	265.9	3.40	1.72	3.16	YES	NO	
L0000004	0	0.55556E-01	465343.8	3764058.5	265.8	3.40	1.72	3.16	YES	NO	
L0000005	0	0.55556E-01	465343.8	3764054.8	265.7	3.40	1.72	3.16	YES	NO	
L0000006	0	0.55556E-01	465343.8	3764051.1	265.6	3.40	1.72	3.16	YES	NO	
L0000007	0	0.55556E-01	465343.8	3764047.4	265.5	3.40	1.72	3.16	YES	NO	
L0000008	0	0.55556E-01	465343.8	3764043.7	265.4	3.40	1.72	3.16	YES	NO	
L0000009	0	0.55556E-01	465343.8	3764040.0	265.3	3.40	1.72	3.16	YES	NO	
L0000010	0	0.55556E-01	465343.8	3764036.3	265.2	3.40	1.72	3.16	YES	NO	
L0000011	0	0.55556E-01	465343.8	3764032.6	265.1	3.40	1.72	3.16	YES	NO	
L0000012	0	0.55556E-01	465343.8	3764028.9	265.0	3.40	1.72	3.16	YES	NO	
L0000013	0	0.55556E-01	465343.8	3764025.2	264.9	3.40	1.72	3.16	YES	NO	
L0000014	0	0.55556E-01	465343.8	3764021.5	264.8	3.40	1.72	3.16	YES	NO	
L0000015	0	0.55556E-01	465343.8	3764017.8	264.7	3.40	1.72	3.16	YES	NO	
L0000016	0	0.55556E-01	465343.8	3764014.1	264.6	3.40	1.72	3.16	YES	NO	
L0000017	0	0.55556E-01	465343.8	3764010.4	264.5	3.40	1.72	3.16	YES	NO	
L0000018	0	0.55556E-01	465343.8	3764006.7	264.4	3.40	1.72	3.16	YES	NO	
L0000019	0	0.12346E-01	465350.1	3764064.8	265.7	3.40	4.51				

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3.16     YES                    NO
 L0000020         0   0.12346E-01  465350.2 3764055.1   265.4     3.40     4.51
3.16     YES                    NO
 L0000021         0   0.12346E-01  465350.4 3764045.4   265.2     3.40     4.51
3.16     YES                    NO
 L0000022         0   0.12346E-01  465350.6 3764035.7   264.9     3.40     4.51
3.16     YES                    NO
 L0000023         0   0.12346E-01  465350.7 3764026.0   264.6     3.40     4.51
3.16     YES                    NO
 L0000024         0   0.12346E-01  465350.9 3764016.3   264.3     3.40     4.51
3.16     YES                    NO
 L0000025         0   0.12346E-01  465351.0 3764006.6   264.0     3.40     4.51
3.16     YES                    NO
 L0000026         0   0.12346E-01  465359.7 3764005.5   263.5     3.40     4.51
3.16     YES                    NO
 L0000027         0   0.12346E-01  465369.4 3764005.5   262.8     3.40     4.51
3.16     YES                    NO
 L0000028         0   0.12346E-01  465379.1 3764005.5   262.0     3.40     4.51
3.16     YES                    NO
 L0000029         0   0.12346E-01  465382.0 3764012.7   262.1     3.40     4.51
3.16     YES                    NO
 L0000030         0   0.12346E-01  465388.7 3764016.0   261.8     3.40     4.51
3.16     YES                    NO
 L0000031         0   0.12346E-01  465398.4 3764016.0   260.5     3.40     4.51
3.16     YES                    NO
 L0000032         0   0.12346E-01  465408.1 3764016.0   259.2     3.40     4.51
3.16     YES                    NO
 L0000033         0   0.12346E-01  465417.8 3764016.0   257.6     3.40     4.51
3.16     YES                    NO
 L0000034         0   0.12346E-01  465420.3 3764023.1   257.8     3.40     4.51
3.16     YES                    NO
 L0000035         0   0.12346E-01  465420.2 3764032.8   258.7     3.40     4.51
3.16     YES                    NO
 L0000036         0   0.12346E-01  465420.2 3764042.5   259.6     3.40     4.51
3.16     YES                    NO
 L0000037         0   0.12346E-01  465420.1 3764052.2   260.6     3.40     4.51
3.16     YES                    NO
 L0000038         0   0.12346E-01  465420.1 3764061.9   261.4     3.40     4.51
3.16     YES                    NO
 L0000039         0   0.12346E-01  465420.0 3764071.6   262.3     3.40     4.51
3.16     YES                    NO
 L0000040         0   0.12346E-01  465420.0 3764081.3   263.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

                                  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0000041	0	0.12346E-01	465418.1	3764089.1	263.8	3.40	4.51	3.16	YES	NO
L0000042	0	0.12346E-01	465408.4	3764088.9	264.3	3.40	4.51	3.16	YES	NO
L0000043	0	0.12346E-01	465398.7	3764088.7	264.7	3.40	4.51	3.16	YES	NO
L0000044	0	0.12346E-01	465389.0	3764088.5	265.1	3.40	4.51	3.16	YES	NO
L0000045	0	0.12346E-01	465384.3	3764083.3	265.2	3.40	4.51	3.16	YES	NO
L0000046	0	0.12346E-01	465384.0	3764073.6	264.8	3.40	4.51	3.16	YES	NO
L0000047	0	0.12346E-01	465383.4	3764064.2	264.4	3.40	4.51	3.16	YES	NO
L0000048	0	0.12346E-01	465373.7	3764064.0	264.8	3.40	4.51	3.16	YES	NO
L0000049	0	0.12346E-01	465364.0	3764063.9	265.2	3.40	4.51	3.16	YES	NO
L0000050	0	0.12346E-01	465354.3	3764063.8	265.6	3.40	4.51	3.16	YES	NO
L0000051	0	0.12346E-01	465354.5	3764054.1	265.2	3.40	4.51	3.16	YES	NO
L0000052	0	0.12346E-01	465354.7	3764044.4	265.0	3.40	4.51	3.16	YES	NO
L0000053	0	0.12346E-01	465354.9	3764034.7	264.7	3.40	4.51	3.16	YES	NO
L0000054	0	0.12346E-01	465355.1	3764025.0	264.4	3.40	4.51	3.16	YES	NO
L0000055	0	0.12346E-01	465355.3	3764015.3	264.1	3.40	4.51	3.16	YES	NO
L0000056	0	0.12346E-01	465361.8	3764012.1	263.7	3.40	4.51	3.16	YES	NO
L0000057	0	0.12346E-01	465371.5	3764012.3	262.9	3.40	4.51	3.16	YES	NO
L0000058	0	0.12346E-01	465373.6	3764019.6	263.2	3.40	4.51	3.16	YES	NO
L0000059	0	0.12346E-01	465380.3	3764022.6	262.8	3.40	4.51			

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3.16     YES                    NO
 L0000060         0   0.12346E-01  465390.0 3764022.8   262.1     3.40     4.51
3.16     YES                    NO
 L0000061         0   0.12346E-01  465399.7 3764023.0   260.9     3.40     4.51
3.16     YES                    NO
 L0000062         0   0.12346E-01  465409.4 3764023.2   259.8     3.40     4.51
3.16     YES                    NO
 L0000063         0   0.12346E-01  465412.9 3764029.3   259.9     3.40     4.51
3.16     YES                    NO
 L0000064         0   0.12346E-01  465412.7 3764039.0   260.6     3.40     4.51
3.16     YES                    NO
 L0000065         0   0.12346E-01  465412.4 3764048.7   261.4     3.40     4.51
3.16     YES                    NO
 L0000066         0   0.12346E-01  465412.2 3764058.4   262.1     3.40     4.51
3.16     YES                    NO
 L0000067         0   0.12346E-01  465411.9 3764068.1   262.8     3.40     4.51
3.16     YES                    NO
 L0000068         0   0.12346E-01  465411.7 3764077.8   263.5     3.40     4.51
3.16     YES                    NO
 L0000069         0   0.12346E-01  465406.8 3764082.6   264.1     3.40     4.51
3.16     YES                    NO
 L0000070         0   0.12346E-01  465397.1 3764082.4   264.6     3.40     4.51
3.16     YES                    NO
 L0000071         0   0.12346E-01  465389.9 3764079.8   264.8     3.40     4.51
3.16     YES                    NO
 L0000072         0   0.12346E-01  465390.0 3764070.1   264.4     3.40     4.51
3.16     YES                    NO
 L0000073         0   0.12346E-01  465390.2 3764060.4   263.9     3.40     4.51
3.16     YES                    NO
 L0000074         0   0.12346E-01  465384.0 3764057.0   264.0     3.40     4.51
3.16     YES                    NO
 L0000075         0   0.12346E-01  465374.3 3764057.1   264.5     3.40     4.51
3.16     YES                    NO
 L0000076         0   0.12346E-01  465364.6 3764057.2   265.0     3.40     4.51
3.16     YES                    NO
 L0000077         0   0.12346E-01  465360.1 3764052.4   265.0     3.40     4.51
3.16     YES                    NO
 L0000078         0   0.12346E-01  465360.7 3764042.7   264.7     3.40     4.51
3.16     YES                    NO
 L0000079         0   0.12346E-01  465361.3 3764033.1   264.4     3.40     4.51
3.16     YES                    NO
 L0000080         0   0.12346E-01  465361.9 3764023.4   264.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000081	0	0.12346E-01	465365.6	3764017.3	263.6	3.40	4.51	3.16	YES	NO	
L0000082	0	0.12346E-01	465368.6	3764024.9	263.7	3.40	4.51	3.16	YES	NO	
L0000083	0	0.12346E-01	465374.4	3764029.3	263.5	3.40	4.51	3.16	YES	NO	
L0000084	0	0.12346E-01	465384.1	3764029.8	262.9	3.40	4.51	3.16	YES	NO	
L0000085	0	0.12346E-01	465393.8	3764030.3	262.0	3.40	4.51	3.16	YES	NO	
L0000086	0	0.12346E-01	465403.5	3764030.7	261.0	3.40	4.51	3.16	YES	NO	
L0000087	0	0.12346E-01	465405.1	3764038.5	261.3	3.40	4.51	3.16	YES	NO	
L0000088	0	0.12346E-01	465404.7	3764048.2	262.0	3.40	4.51	3.16	YES	NO	
L0000089	0	0.12346E-01	465404.4	3764057.9	262.7	3.40	4.51	3.16	YES	NO	
L0000090	0	0.12346E-01	465404.0	3764067.6	263.3	3.40	4.51	3.16	YES	NO	
L0000091	0	0.12346E-01	465403.2	3764076.9	263.9	3.40	4.51	3.16	YES	NO	
L0000092	0	0.12346E-01	465393.9	3764076.5	264.4	3.40	4.51	3.16	YES	NO	
L0000093	0	0.12346E-01	465394.6	3764066.8	263.9	3.40	4.51	3.16	YES	NO	
L0000094	0	0.12346E-01	465395.4	3764057.1	263.3	3.40	4.51	3.16	YES	NO	
L0000095	0	0.12346E-01	465396.1	3764047.5	262.7	3.40	4.51	3.16	YES	NO	
L0000096	0	0.12346E-01	465394.6	3764039.9	262.4	3.40	4.51	3.16	YES	NO	
L0000097	0	0.12346E-01	465384.9	3764039.7	263.2	3.40	4.51	3.16	YES	NO	
L0000098	0	0.12346E-01	465375.2	3764039.6	263.8	3.40	4.51	3.16	YES	NO	
L0000099	0	0.12346E-01	465369.2	3764043.2	264.2	3.40	4.51				

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3.16     YES                    NO
 L0000100         0   0.10417E-01  465351.8 3764062.9   265.6     3.40     4.51
3.16     YES                    NO
 L0000101         0   0.10417E-01  465351.9 3764053.2   265.3     3.40     4.51
3.16     YES                    NO
 L0000102         0   0.10417E-01  465351.9 3764043.5   265.0     3.40     4.51
3.16     YES                    NO
 L0000103         0   0.10417E-01  465352.0 3764033.8   264.8     3.40     4.51
3.16     YES                    NO
 L0000104         0   0.10417E-01  465352.1 3764024.1   264.5     3.40     4.51
3.16     YES                    NO
 L0000105         0   0.10417E-01  465352.1 3764014.4   264.2     3.40     4.51
3.16     YES                    NO
 L0000106         0   0.10417E-01  465354.7 3764007.3   263.8     3.40     4.51
3.16     YES                    NO
 L0000107         0   0.10417E-01  465364.4 3764007.2   263.3     3.40     4.51
3.16     YES                    NO
 L0000108         0   0.10417E-01  465374.1 3764007.2   262.5     3.40     4.51
3.16     YES                    NO
 L0000109         0   0.10417E-01  465383.8 3764007.1   261.7     3.40     4.51
3.16     YES                    NO
 L0000110         0   0.10417E-01  465393.5 3764007.1   260.5     3.40     4.51
3.16     YES                    NO
 L0000111         0   0.10417E-01  465403.2 3764007.0   259.0     3.40     4.51
3.16     YES                    NO
 L0000112         0   0.10417E-01  465412.9 3764007.0   257.4     3.40     4.51
3.16     YES                    NO
 L0000113         0   0.10417E-01  465422.6 3764006.9   255.3     3.40     4.51
3.16     YES                    NO
 L0000114         0   0.10417E-01  465427.7 3764013.7   254.8     3.40     4.51
3.16     YES                    NO
 L0000115         0   0.10417E-01  465431.2 3764022.7   255.0     3.40     4.51
3.16     YES                    NO
 L0000116         0   0.10417E-01  465434.7 3764031.8   255.3     3.40     4.51
3.16     YES                    NO
 L0000117         0   0.10417E-01  465438.2 3764040.8   255.8     3.40     4.51
3.16     YES                    NO
 L0000118         0   0.10417E-01  465441.8 3764049.8   256.4     3.40     4.51
3.16     YES                    NO
 L0000119         0   0.10417E-01  465445.3 3764058.9   257.0     3.40     4.51
3.16     YES                    NO
 L0000120         0   0.10417E-01  465448.8 3764067.9   257.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0000121	0	0.10417E-01	465445.3	3764074.0	259.5	3.40	4.51	3.16	YES	NO
L0000122	0	0.10417E-01	465436.4	3764077.9	261.5	3.40	4.51	3.16	YES	NO
L0000123	0	0.10417E-01	465427.5	3764081.8	262.7	3.40	4.51	3.16	YES	NO
L0000124	0	0.10417E-01	465418.7	3764085.7	263.6	3.40	4.51	3.16	YES	NO
L0000125	0	0.10417E-01	465409.8	3764089.6	264.2	3.40	4.51	3.16	YES	NO
L0000126	0	0.10417E-01	465400.4	3764090.9	264.7	3.40	4.51	3.16	YES	NO
L0000127	0	0.10417E-01	465390.7	3764090.8	265.1	3.40	4.51	3.16	YES	NO
L0000128	0	0.10417E-01	465381.0	3764090.7	265.5	3.40	4.51	3.16	YES	NO
L0000129	0	0.10417E-01	465375.5	3764086.5	265.6	3.40	4.51	3.16	YES	NO
L0000130	0	0.10417E-01	465380.4	3764081.7	265.3	3.40	4.51	3.16	YES	NO
L0000131	0	0.10417E-01	465390.1	3764082.1	264.9	3.40	4.51	3.16	YES	NO
L0000132	0	0.10417E-01	465399.8	3764082.5	264.4	3.40	4.51	3.16	YES	NO
L0000133	0	0.10417E-01	465409.2	3764081.0	263.8	3.40	4.51	3.16	YES	NO
L0000134	0	0.10417E-01	465418.2	3764077.4	263.0	3.40	4.51	3.16	YES	NO
L0000135	0	0.10417E-01	465427.2	3764073.8	261.8	3.40	4.51	3.16	YES	NO
L0000136	0	0.10417E-01	465436.2	3764070.2	260.4	3.40	4.51	3.16	YES	NO
L0000137	0	0.10417E-01	465437.4	3764063.1	259.2	3.40	4.51	3.16	YES	NO
L0000138	0	0.10417E-01	465434.2	3764053.9	258.4	3.40	4.51	3.16	YES	NO
L0000139	0	0.10417E-01	465430.9	3764044.8	257.8	3.40	4.51			

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3.16     YES                    NO
 L0000140         0   0.10417E-01  465427.7 3764035.7   257.4     3.40     4.51
3.16     YES                    NO
 L0000141         0   0.10417E-01  465424.4 3764026.5   257.1     3.40     4.51
3.16     YES                    NO
 L0000142         0   0.10417E-01  465421.2 3764017.4   256.9     3.40     4.51
3.16     YES                    NO
 L0000143         0   0.10417E-01  465414.0 3764013.9   258.2     3.40     4.51
3.16     YES                    NO
 L0000144         0   0.10417E-01  465405.4 3764014.8   259.5     3.40     4.51
3.16     YES                    NO
 L0000145         0   0.10417E-01  465409.2 3764023.7   259.9     3.40     4.51
3.16     YES                    NO
 L0000146         0   0.10417E-01  465413.0 3764032.7   260.1     3.40     4.51
3.16     YES                    NO
 L0000147         0   0.10417E-01  465416.8 3764041.6   260.2     3.40     4.51
3.16     YES                    NO
 L0000148         0   0.10417E-01  465420.7 3764050.5   260.3     3.40     4.51
3.16     YES                    NO
 L0000149         0   0.10417E-01  465424.5 3764059.4   260.6     3.40     4.51
3.16     YES                    NO
 L0000150         0   0.10417E-01  465424.5 3764066.9   261.3     3.40     4.51
3.16     YES                    NO
 L0000151         0   0.10417E-01  465415.7 3764070.9   262.7     3.40     4.51
3.16     YES                    NO
 L0000152         0   0.10417E-01  465406.9 3764075.0   263.6     3.40     4.51
3.16     YES                    NO
 L0000153         0   0.10417E-01  465397.8 3764077.6   264.3     3.40     4.51
3.16     YES                    NO
 L0000154         0   0.10417E-01  465388.1 3764077.8   264.8     3.40     4.51
3.16     YES                    NO
 L0000155         0   0.10417E-01  465378.4 3764077.9   265.2     3.40     4.51
3.16     YES                    NO
 L0000156         0   0.10417E-01  465377.2 3764069.5   264.9     3.40     4.51
3.16     YES                    NO
 L0000157         0   0.10417E-01  465385.5 3764068.5   264.5     3.40     4.51
3.16     YES                    NO
 L0000158         0   0.10417E-01  465395.2 3764068.9   263.9     3.40     4.51
3.16     YES                    NO
 L0000159         0   0.10417E-01  465404.9 3764069.1   263.3     3.40     4.51
3.16     YES                    NO
 L0000160         0   0.10417E-01  465413.3 3764064.3   262.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000161	0	0.10417E-01	465413.4	3764056.6	261.9	3.40	4.51	3.16	YES	NO	
L0000162	0	0.10417E-01	465409.6	3764047.7	261.6	3.40	4.51	3.16	YES	NO	
L0000163	0	0.10417E-01	465405.9	3764038.7	261.3	3.40	4.51	3.16	YES	NO	
L0000164	0	0.10417E-01	465402.1	3764029.8	261.1	3.40	4.51	3.16	YES	NO	
L0000165	0	0.10417E-01	465398.4	3764020.8	261.0	3.40	4.51	3.16	YES	NO	
L0000166	0	0.10417E-01	465391.9	3764015.9	261.4	3.40	4.51	3.16	YES	NO	
L0000167	0	0.10417E-01	465382.2	3764015.7	262.3	3.40	4.51	3.16	YES	NO	
L0000168	0	0.10417E-01	465372.5	3764015.5	263.0	3.40	4.51	3.16	YES	NO	
L0000169	0	0.10417E-01	465362.8	3764015.3	263.7	3.40	4.51	3.16	YES	NO	
L0000170	0	0.10417E-01	465359.4	3764021.5	264.1	3.40	4.51	3.16	YES	NO	
L0000171	0	0.10417E-01	465365.9	3764024.6	263.9	3.40	4.51	3.16	YES	NO	
L0000172	0	0.10417E-01	465375.6	3764024.5	263.2	3.40	4.51	3.16	YES	NO	
L0000173	0	0.10417E-01	465385.3	3764024.4	262.6	3.40	4.51	3.16	YES	NO	
L0000174	0	0.10417E-01	465392.1	3764029.0	262.2	3.40	4.51	3.16	YES	NO	
L0000175	0	0.10417E-01	465396.4	3764037.7	262.2	3.40	4.51	3.16	YES	NO	
L0000176	0	0.10417E-01	465400.7	3764046.4	262.3	3.40	4.51	3.16	YES	NO	
L0000177	0	0.10417E-01	465404.9	3764055.1	262.4	3.40	4.51	3.16	YES	NO	
L0000178	0	0.10417E-01	465404.0	3764060.5	262.9	3.40	4.51	3.16	YES	NO	
L0000179	0	0.10417E-01	465394.3	3764060.5	263.6	3.40	4.51				

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3.16     YES                    NO
 L0000180         0   0.10417E-01  465384.6 3764060.5   264.2     3.40     4.51
3.16     YES                    NO
 L0000181         0   0.10417E-01  465374.9 3764060.5   264.6     3.40     4.51
3.16     YES                    NO
 L0000182         0   0.10417E-01  465370.9 3764067.9   265.1     3.40     4.51
3.16     YES                    NO
 L0000183         0   0.10417E-01  465361.9 3764068.6   265.5     3.40     4.51
3.16     YES                    NO
 L0000184         0   0.10417E-01  465360.5 3764060.2   265.2     3.40     4.51
3.16     YES                    NO
 L0000185         0   0.10417E-01  465360.5 3764050.5   264.9     3.40     4.51
3.16     YES                    NO
 L0000186         0   0.10417E-01  465360.5 3764040.8   264.6     3.40     4.51
3.16     YES                    NO
 L0000187         0   0.10417E-01  465362.4 3764033.0   264.3     3.40     4.51
3.16     YES                    NO
 L0000188         0   0.10417E-01  465372.1 3764033.0   263.8     3.40     4.51
3.16     YES                    NO
 L0000189         0   0.10417E-01  465381.8 3764033.0   263.1     3.40     4.51
3.16     YES                    NO
 L0000190         0   0.10417E-01  465386.7 3764039.7   263.1     3.40     4.51
3.16     YES                    NO
 L0000191         0   0.10417E-01  465389.9 3764048.8   263.3     3.40     4.51
3.16     YES                    NO
 L0000192         0   0.10417E-01  465385.9 3764053.2   263.8     3.40     4.51
3.16     YES                    NO
 L0000193         0   0.10417E-01  465376.3 3764053.7   264.3     3.40     4.51
3.16     YES                    NO
 L0000194         0   0.10417E-01  465369.1 3764051.8   264.5     3.40     4.51
3.16     YES                    NO
 L0000195         0   0.10417E-01  465370.1 3764042.1   264.2     3.40     4.51
3.16     YES                    NO
 L0000196         0   0.83333E-02  465377.4 3764090.2   265.6     5.00     4.65
4.65     YES                    NO
 L0000197         0   0.83333E-02  465387.4 3764090.0   265.2     5.00     4.65
4.65     YES                    NO
 L0000198         0   0.83333E-02  465397.4 3764089.9   264.8     5.00     4.65
4.65     YES                    NO
 L0000199         0   0.83333E-02  465407.4 3764089.8   264.4     5.00     4.65
4.65     YES                    NO
 L0000200         0   0.83333E-02  465417.4 3764089.6   263.9     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000201	0	0.83333E-02	465427.4	3764089.5	263.4	5.00	4.65	4.65	YES	NO	
L0000202	0	0.83333E-02	465437.4	3764089.3	262.8	5.00	4.65	4.65	YES	NO	
L0000203	0	0.83333E-02	465447.4	3764089.2	261.3	5.00	4.65	4.65	YES	NO	
L0000204	0	0.83333E-02	465455.6	3764083.7	258.8	5.00	4.65	4.65	YES	NO	
L0000205	0	0.83333E-02	465460.0	3764076.8	256.7	5.00	4.65	4.65	YES	NO	
L0000206	0	0.83333E-02	465455.5	3764067.9	256.2	5.00	4.65	4.65	YES	NO	
L0000207	0	0.83333E-02	465451.0	3764059.0	255.8	5.00	4.65	4.65	YES	NO	
L0000208	0	0.83333E-02	465446.5	3764050.0	255.4	5.00	4.65	4.65	YES	NO	
L0000209	0	0.83333E-02	465442.0	3764041.1	255.1	5.00	4.65	4.65	YES	NO	
L0000210	0	0.83333E-02	465437.5	3764032.2	254.7	5.00	4.65	4.65	YES	NO	
L0000211	0	0.83333E-02	465433.0	3764023.2	254.6	5.00	4.65	4.65	YES	NO	
L0000212	0	0.83333E-02	465428.5	3764014.3	254.7	5.00	4.65	4.65	YES	NO	
L0000213	0	0.83333E-02	465421.1	3764010.1	256.0	5.00	4.65	4.65	YES	NO	
L0000214	0	0.83333E-02	465411.1	3764009.9	258.1	5.00	4.65	4.65	YES	NO	
L0000215	0	0.83333E-02	465401.1	3764009.7	259.6	5.00	4.65	4.65	YES	NO	
L0000216	0	0.83333E-02	465391.1	3764009.5	261.1	5.00	4.65	4.65	YES	NO	
L0000217	0	0.83333E-02	465381.1	3764009.3	262.0	5.00	4.65	4.65	YES	NO	
L0000218	0	0.83333E-02	465371.1	3764009.1	262.8	5.00	4.65	4.65	YES	NO	
L0000219	0	0.83333E-02	465361.1	3764008.9	263.6	5.00	4.65				

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4.65     YES                    NO
 L0000220         0   0.83333E-02  465351.8 3764009.4   264.1     5.00     4.65
4.65     YES                    NO
 L0000221         0   0.83333E-02  465351.8 3764019.4   264.4     5.00     4.65
4.65     YES                    NO
 L0000222         0   0.83333E-02  465351.8 3764029.4   264.7     5.00     4.65
4.65     YES                    NO
 L0000223         0   0.83333E-02  465351.8 3764039.4   264.9     5.00     4.65
4.65     YES                    NO
 L0000224         0   0.83333E-02  465351.8 3764049.4   265.2     5.00     4.65
4.65     YES                    NO
 L0000225         0   0.83333E-02  465351.8 3764059.4   265.5     5.00     4.65
4.65     YES                    NO
 L0000226         0   0.83333E-02  465356.7 3764064.5   265.5     5.00     4.65
4.65     YES                    NO
 L0000227         0   0.83333E-02  465366.7 3764064.3   265.1     5.00     4.65
4.65     YES                    NO
 L0000228         0   0.83333E-02  465373.9 3764067.0   264.9     5.00     4.65
4.65     YES                    NO
 L0000229         0   0.83333E-02  465373.9 3764077.0   265.3     5.00     4.65
4.65     YES                    NO
 L0000230         0   0.83333E-02  465375.7 3764085.1   265.6     5.00     4.65
4.65     YES                    NO
 L0000231         0   0.83333E-02  465385.7 3764084.8   265.2     5.00     4.65
4.65     YES                    NO
 L0000232         0   0.83333E-02  465395.7 3764084.5   264.7     5.00     4.65
4.65     YES                    NO
 L0000233         0   0.83333E-02  465405.7 3764084.2   264.2     5.00     4.65
4.65     YES                    NO
 L0000234         0   0.83333E-02  465415.7 3764083.9   263.7     5.00     4.65
4.65     YES                    NO
 L0000235         0   0.83333E-02  465425.7 3764083.6   263.0     5.00     4.65
4.65     YES                    NO
 L0000236         0   0.83333E-02  465435.6 3764083.2   262.3     5.00     4.65
4.65     YES                    NO
 L0000237         0   0.83333E-02  465445.1 3764081.4   260.7     5.00     4.65
4.65     YES                    NO
 L0000238         0   0.83333E-02  465448.9 3764074.3   258.7     5.00     4.65
4.65     YES                    NO
 L0000239         0   0.83333E-02  465444.4 3764065.4   258.3     5.00     4.65
4.65     YES                    NO
 L0000240         0   0.83333E-02  465439.9 3764056.5   257.8     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000241	0	0.83333E-02	465435.4	3764047.5	257.3	5.00	4.65	4.65	YES	NO	
L0000242	0	0.83333E-02	465430.9	3764038.6	257.0	5.00	4.65	4.65	YES	NO	
L0000243	0	0.83333E-02	465426.4	3764029.7	256.9	5.00	4.65	4.65	YES	NO	
L0000244	0	0.83333E-02	465421.9	3764020.7	257.1	5.00	4.65	4.65	YES	NO	
L0000245	0	0.83333E-02	465414.0	3764017.4	258.6	5.00	4.65	4.65	YES	NO	
L0000246	0	0.83333E-02	465404.0	3764017.4	259.9	5.00	4.65	4.65	YES	NO	
L0000247	0	0.83333E-02	465394.0	3764017.4	261.2	5.00	4.65	4.65	YES	NO	
L0000248	0	0.83333E-02	465384.0	3764017.4	262.3	5.00	4.65	4.65	YES	NO	
L0000249	0	0.83333E-02	465374.0	3764017.4	263.0	5.00	4.65	4.65	YES	NO	
L0000250	0	0.83333E-02	465364.0	3764017.4	263.8	5.00	4.65	4.65	YES	NO	
L0000251	0	0.83333E-02	465359.5	3764022.8	264.2	5.00	4.65	4.65	YES	NO	
L0000252	0	0.83333E-02	465359.8	3764032.8	264.4	5.00	4.65	4.65	YES	NO	
L0000253	0	0.83333E-02	465360.1	3764042.8	264.7	5.00	4.65	4.65	YES	NO	
L0000254	0	0.83333E-02	465360.3	3764052.8	265.0	5.00	4.65	4.65	YES	NO	
L0000255	0	0.83333E-02	465364.9	3764058.3	265.0	5.00	4.65	4.65	YES	NO	
L0000256	0	0.83333E-02	465374.9	3764058.1	264.5	5.00	4.65	4.65	YES	NO	
L0000257	0	0.83333E-02	465381.8	3764061.1	264.3	5.00	4.65	4.65	YES	NO	
L0000258	0	0.83333E-02	465381.4	3764071.1	264.8	5.00	4.65	4.65	YES	NO	
L0000259	0	0.83333E-02	465382.1	3764080.1	265.2	5.00	4.65				

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4.65     YES                    NO
 L0000260         0   0.83333E-02  465392.1 3764079.9   264.7     5.00     4.65
4.65     YES                    NO
 L0000261         0   0.83333E-02  465402.1 3764079.7   264.1     5.00     4.65
4.65     YES                    NO
 L0000262         0   0.83333E-02  465412.1 3764079.5   263.6     5.00     4.65
4.65     YES                    NO
 L0000263         0   0.83333E-02  465422.1 3764079.3   262.8     5.00     4.65
4.65     YES                    NO
 L0000264         0   0.83333E-02  465432.1 3764079.1   262.0     5.00     4.65
4.65     YES                    NO
 L0000265         0   0.83333E-02  465440.8 3764075.8   260.7     5.00     4.65
4.65     YES                    NO
 L0000266         0   0.83333E-02  465437.7 3764067.1   259.8     5.00     4.65
4.65     YES                    NO
 L0000267         0   0.83333E-02  465433.3 3764058.1   259.1     5.00     4.65
4.65     YES                    NO
 L0000268         0   0.83333E-02  465428.8 3764049.2   258.7     5.00     4.65
4.65     YES                    NO
 L0000269         0   0.83333E-02  465424.4 3764040.2   258.5     5.00     4.65
4.65     YES                    NO
 L0000270         0   0.83333E-02  465419.9 3764031.3   258.6     5.00     4.65
4.65     YES                    NO
 L0000271         0   0.83333E-02  465414.9 3764023.2   259.1     5.00     4.65
4.65     YES                    NO
 L0000272         0   0.83333E-02  465404.9 3764023.2   260.3     5.00     4.65
4.65     YES                    NO
 L0000273         0   0.83333E-02  465394.9 3764023.2   261.5     5.00     4.65
4.65     YES                    NO
 L0000274         0   0.83333E-02  465384.9 3764023.2   262.5     5.00     4.65
4.65     YES                    NO
 L0000275         0   0.83333E-02  465374.9 3764023.2   263.2     5.00     4.65
4.65     YES                    NO
 L0000276         0   0.83333E-02  465366.7 3764024.9   263.8     5.00     4.65
4.65     YES                    NO
 L0000277         0   0.83333E-02  465366.9 3764034.9   264.1     5.00     4.65
4.65     YES                    NO
 L0000278         0   0.83333E-02  465367.2 3764044.9   264.4     5.00     4.65
4.65     YES                    NO
 L0000279         0   0.83333E-02  465369.7 3764052.6   264.5     5.00     4.65
4.65     YES                    NO
 L0000280         0   0.83333E-02  465379.7 3764052.6   264.0     5.00     4.65
4.65     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0000281	0	0.83333E-02	465389.7	3764052.6	263.5	5.00	4.65	4.65	YES	NO
L0000282	0	0.83333E-02	465389.6	3764062.1	264.0	5.00	4.65	4.65	YES	NO
L0000283	0	0.83333E-02	465388.9	3764072.0	264.5	5.00	4.65	4.65	YES	NO
L0000284	0	0.83333E-02	465396.1	3764074.6	264.2	5.00	4.65	4.65	YES	NO
L0000285	0	0.83333E-02	465406.1	3764074.4	263.6	5.00	4.65	4.65	YES	NO
L0000286	0	0.83333E-02	465416.1	3764074.2	262.9	5.00	4.65	4.65	YES	NO
L0000287	0	0.83333E-02	465426.1	3764074.0	261.9	5.00	4.65	4.65	YES	NO
L0000288	0	0.83333E-02	465431.2	3764068.7	260.8	5.00	4.65	4.65	YES	NO
L0000289	0	0.83333E-02	465426.8	3764059.7	260.2	5.00	4.65	4.65	YES	NO
L0000290	0	0.83333E-02	465422.4	3764050.8	260.0	5.00	4.65	4.65	YES	NO
L0000291	0	0.83333E-02	465417.9	3764041.8	260.0	5.00	4.65	4.65	YES	NO
L0000292	0	0.83333E-02	465413.5	3764032.8	260.1	5.00	4.65	4.65	YES	NO
L0000293	0	0.83333E-02	465406.3	3764028.4	260.5	5.00	4.65	4.65	YES	NO
L0000294	0	0.83333E-02	465396.3	3764028.6	261.7	5.00	4.65	4.65	YES	NO
L0000295	0	0.83333E-02	465386.3	3764028.8	262.7	5.00	4.65	4.65	YES	NO
L0000296	0	0.83333E-02	465376.3	3764029.0	263.3	5.00	4.65	4.65	YES	NO
L0000297	0	0.83333E-02	465373.4	3764036.2	263.8	5.00	4.65	4.65	YES	NO
L0000298	0	0.83333E-02	465373.2	3764046.2	264.1	5.00	4.65	4.65	YES	NO
L0000299	0	0.83333E-02	465382.3	3764047.3	263.7	5.00	4.65			

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4.65     YES                    NO
 L0000300         0   0.83333E-02  465392.3 3764047.4   263.1     5.00     4.65
4.65     YES                    NO
 L0000301         0   0.83333E-02  465399.0 3764050.5   262.7     5.00     4.65
4.65     YES                    NO
 L0000302         0   0.83333E-02  465398.2 3764060.5   263.3     5.00     4.65
4.65     YES                    NO
 L0000303         0   0.83333E-02  465398.3 3764069.6   263.8     5.00     4.65
4.65     YES                    NO
 L0000304         0   0.83333E-02  465408.3 3764069.5   263.1     5.00     4.65
4.65     YES                    NO
 L0000305         0   0.83333E-02  465418.3 3764069.3   262.3     5.00     4.65
4.65     YES                    NO
 L0000306         0   0.83333E-02  465423.5 3764066.4   261.4     5.00     4.65
4.65     YES                    NO
 L0000307         0   0.83333E-02  465418.8 3764057.5   261.2     5.00     4.65
4.65     YES                    NO
 L0000308         0   0.83333E-02  465414.1 3764048.7   261.2     5.00     4.65
4.65     YES                    NO
 L0000309         0   0.83333E-02  465409.4 3764039.9   261.0     5.00     4.65
4.65     YES                    NO
 L0000310         0   0.83333E-02  465402.2 3764035.4   261.4     5.00     4.65
4.65     YES                    NO
 L0000311         0   0.83333E-02  465392.2 3764035.7   262.5     5.00     4.65
4.65     YES                    NO
 L0000312         0   0.83333E-02  465382.2 3764036.1   263.2     5.00     4.65
4.65     YES                    NO
 L0000313         0   0.83333E-02  465378.6 3764042.7   263.7     5.00     4.65
4.65     YES                    NO
 L0000314         0   0.83333E-02  465387.8 3764043.5   263.2     5.00     4.65
4.65     YES                    NO
 L0000315         0   0.83333E-02  465397.8 3764043.5   262.4     5.00     4.65
4.65     YES                    NO
 L0000316         0   0.50968E-03  465381.8 3764031.8   263.1     3.40     4.51
3.16     YES                    NO
 L0000317         0   0.50968E-03  465380.9 3764022.2   262.8     3.40     4.51
3.16     YES                    NO
 L0000318         0   0.50968E-03  465380.0 3764012.5   262.3     3.40     4.51
3.16     YES                    NO
 L0000319         0   0.50968E-03  465379.2 3764002.9   261.8     3.40     4.51
3.16     YES                    NO
 L0000320         0   0.50968E-03  465378.3 3763993.2   261.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0000321	0	0.50968E-03	465374.8	3763984.6	260.5	3.40	4.51	3.16	YES	NO
L0000322	0	0.50968E-03	465368.9	3763976.9	259.9	3.40	4.51	3.16	YES	NO
L0000323	0	0.50968E-03	465359.9	3763973.7	260.6	3.40	4.51	3.16	YES	NO
L0000324	0	0.50968E-03	465350.6	3763971.3	261.3	3.40	4.51	3.16	YES	NO
L0000325	0	0.50968E-03	465341.2	3763968.8	262.2	3.40	4.51	3.16	YES	NO
L0000326	0	0.50968E-03	465331.8	3763966.3	262.8	3.40	4.51	3.16	YES	NO
L0000327	0	0.50968E-03	465322.4	3763963.9	263.2	3.40	4.51	3.16	YES	NO
L0000328	0	0.50968E-03	465313.0	3763961.8	263.7	3.40	4.51	3.16	YES	NO
L0000329	0	0.50968E-03	465303.3	3763962.1	264.0	3.40	4.51	3.16	YES	NO
L0000330	0	0.50968E-03	465293.6	3763962.4	264.3	3.40	4.51	3.16	YES	NO
L0000331	0	0.50968E-03	465283.9	3763962.7	264.6	3.40	4.51	3.16	YES	NO
L0000332	0	0.50968E-03	465274.2	3763963.0	265.0	3.40	4.51	3.16	YES	NO
L0000333	0	0.50968E-03	465264.5	3763962.8	265.4	3.40	4.51	3.16	YES	NO
L0000334	0	0.50968E-03	465254.9	3763961.8	265.8	3.40	4.51	3.16	YES	NO
L0000335	0	0.50968E-03	465245.2	3763960.8	266.1	3.40	4.51	3.16	YES	NO
L0000336	0	0.50968E-03	465240.2	3763955.1	266.2	3.40	4.51	3.16	YES	NO
L0000337	0	0.50968E-03	465239.2	3763945.5	266.2	3.40	4.51	3.16	YES	NO
L0000338	0	0.50968E-03	465238.1	3763935.9	266.2	3.40	4.51	3.16	YES	NO
L0000339	0	0.50968E-03	465237.0	3763926.2	266.2	3.40	4.51			

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3.16     YES                    NO
 L0000340         0   0.50968E-03  465236.0 3763916.6   266.1     3.40     4.51
3.16     YES                    NO
 L0000341         0   0.50968E-03  465234.9 3763906.9   266.1     3.40     4.51
3.16     YES                    NO
 L0000342         0   0.50968E-03  465233.9 3763897.3   266.1     3.40     4.51
3.16     YES                    NO
 L0000343         0   0.50968E-03  465232.8 3763887.7   266.1     3.40     4.51
3.16     YES                    NO
 L0000344         0   0.50968E-03  465231.7 3763878.0   266.0     3.40     4.51
3.16     YES                    NO
 L0000345         0   0.50968E-03  465230.7 3763868.4   266.0     3.40     4.51
3.16     YES                    NO
 L0000346         0   0.50968E-03  465229.6 3763858.7   265.9     3.40     4.51
3.16     YES                    NO
 L0000347         0   0.50968E-03  465228.6 3763849.1   265.8     3.40     4.51
3.16     YES                    NO
 L0000348         0   0.50968E-03  465225.1 3763840.4   265.8     3.40     4.51
3.16     YES                    NO
 L0000349         0   0.50968E-03  465219.3 3763832.6   265.7     3.40     4.51
3.16     YES                    NO
 L0000350         0   0.50968E-03  465213.5 3763824.8   265.6     3.40     4.51
3.16     YES                    NO
 L0000351         0   0.50968E-03  465207.8 3763817.0   265.8     3.40     4.51
3.16     YES                    NO
 L0000352         0   0.50968E-03  465202.0 3763809.2   265.9     3.40     4.51
3.16     YES                    NO
 L0000353         0   0.50968E-03  465196.2 3763801.4   265.8     3.40     4.51
3.16     YES                    NO
 L0000354         0   0.50968E-03  465187.9 3763796.7   266.0     3.40     4.51
3.16     YES                    NO
 L0000355         0   0.50968E-03  465179.2 3763792.4   266.3     3.40     4.51
3.16     YES                    NO
 L0000356         0   0.50968E-03  465170.5 3763788.0   266.4     3.40     4.51
3.16     YES                    NO
 L0000357         0   0.50968E-03  465161.8 3763783.7   266.6     3.40     4.51
3.16     YES                    NO
 L0000358         0   0.50968E-03  465153.1 3763779.4   266.7     3.40     4.51
3.16     YES                    NO
 L0000359         0   0.50968E-03  465143.8 3763776.8   266.9     3.40     4.51
3.16     YES                    NO
 L0000360         0   0.50968E-03  465134.4 3763774.3   267.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0000361	0	0.50968E-03	465125.1	3763771.8	267.4	3.40	4.51	3.16	YES	NO
L0000362	0	0.50968E-03	465115.7	3763769.2	267.7	3.40	4.51	3.16	YES	NO
L0000363	0	0.50968E-03	465106.3	3763766.7	268.0	3.40	4.51	3.16	YES	NO
L0000364	0	0.50968E-03	465096.8	3763765.2	268.3	3.40	4.51	3.16	YES	NO
L0000365	0	0.50968E-03	465087.1	3763765.3	268.6	3.40	4.51	3.16	YES	NO
L0000366	0	0.50968E-03	465077.4	3763765.3	268.9	3.40	4.51	3.16	YES	NO
L0000367	0	0.50968E-03	465067.7	3763765.4	269.1	3.40	4.51	3.16	YES	NO
L0000368	0	0.50968E-03	465058.0	3763765.5	269.3	3.40	4.51	3.16	YES	NO
L0000369	0	0.50968E-03	465048.3	3763765.5	269.4	3.40	4.51	3.16	YES	NO
L0000370	0	0.50968E-03	465038.6	3763765.6	269.6	3.40	4.51	3.16	YES	NO
L0000371	0	0.50968E-03	465028.9	3763765.6	269.7	3.40	4.51	3.16	YES	NO
L0000372	0	0.50968E-03	465019.2	3763765.7	269.8	3.40	4.51	3.16	YES	NO
L0000373	0	0.50968E-03	465009.5	3763765.7	269.9	3.40	4.51	3.16	YES	NO
L0000374	0	0.50968E-03	464999.8	3763765.8	270.0	3.40	4.51	3.16	YES	NO
L0000375	0	0.50968E-03	464990.1	3763765.9	270.1	3.40	4.51	3.16	YES	NO
L0000376	0	0.50968E-03	464980.4	3763765.9	270.2	3.40	4.51	3.16	YES	NO
L0000377	0	0.50968E-03	464970.7	3763766.0	270.2	3.40	4.51	3.16	YES	NO
L0000378	0	0.50968E-03	464961.0	3763766.0	270.2	3.40	4.51	3.16	YES	NO
L0000379	0	0.50968E-03	464951.3	3763766.1	270.2	3.40	4.51			

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3.16     YES                    NO
 L0000380         0   0.50968E-03  464941.6 3763766.2   270.1     3.40     4.51
3.16     YES                    NO
 L0000381         0   0.50968E-03  464931.9 3763766.2   270.0     3.40     4.51
3.16     YES                    NO
 L0000382         0   0.50968E-03  464922.2 3763766.3   270.0     3.40     4.51
3.16     YES                    NO
 L0000383         0   0.50968E-03  464912.5 3763766.3   270.1     3.40     4.51
3.16     YES                    NO
 L0000384         0   0.50968E-03  464902.8 3763766.4   270.2     3.40     4.51
3.16     YES                    NO
 L0000385         0   0.50968E-03  464893.1 3763766.5   270.3     3.40     4.51
3.16     YES                    NO
 L0000386         0   0.50968E-03  464883.4 3763766.5   270.3     3.40     4.51
3.16     YES                    NO
 L0000387         0   0.50968E-03  464873.7 3763766.6   270.4     3.40     4.51
3.16     YES                    NO
 L0000388         0   0.50968E-03  464864.0 3763766.6   270.4     3.40     4.51
3.16     YES                    NO
 L0000389         0   0.50968E-03  464854.3 3763766.7   270.4     3.40     4.51
3.16     YES                    NO
 L0000390         0   0.50968E-03  464844.6 3763766.8   270.4     3.40     4.51
3.16     YES                    NO
 L0000391         0   0.50968E-03  464834.9 3763766.8   270.5     3.40     4.51
3.16     YES                    NO
 L0000392         0   0.50968E-03  464825.2 3763766.9   270.5     3.40     4.51
3.16     YES                    NO
 L0000393         0   0.50968E-03  464815.5 3763766.9   270.5     3.40     4.51
3.16     YES                    NO
 L0000394         0   0.50968E-03  464805.8 3763767.0   270.5     3.40     4.51
3.16     YES                    NO
 L0000395         0   0.50968E-03  464796.1 3763767.0   270.5     3.40     4.51
3.16     YES                    NO
 L0000396         0   0.50968E-03  464786.4 3763767.1   270.4     3.40     4.51
3.16     YES                    NO
 L0000397         0   0.50968E-03  464776.7 3763767.2   270.4     3.40     4.51
3.16     YES                    NO
 L0000398         0   0.50968E-03  464767.0 3763767.2   270.3     3.40     4.51
3.16     YES                    NO
 L0000399         0   0.50968E-03  464757.3 3763767.3   270.2     3.40     4.51
3.16     YES                    NO
 L0000400         0   0.50968E-03  464747.6 3763767.3   270.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0000401	0	0.50968E-03	464737.9	3763767.4	269.9	3.40	4.51	3.16	YES	NO
L0000402	0	0.50968E-03	464728.2	3763767.5	269.8	3.40	4.51	3.16	YES	NO
L0000403	0	0.50968E-03	464718.5	3763767.5	269.7	3.40	4.51	3.16	YES	NO
L0000404	0	0.50968E-03	464708.8	3763767.6	269.5	3.40	4.51	3.16	YES	NO
L0000405	0	0.50968E-03	464699.1	3763767.6	269.4	3.40	4.51	3.16	YES	NO
L0000406	0	0.50968E-03	464689.4	3763767.7	269.2	3.40	4.51	3.16	YES	NO
L0000407	0	0.50968E-03	464679.7	3763767.8	268.9	3.40	4.51	3.16	YES	NO
L0000408	0	0.50968E-03	464670.0	3763767.8	268.6	3.40	4.51	3.16	YES	NO
L0000409	0	0.50968E-03	464660.3	3763767.9	268.0	3.40	4.51	3.16	YES	NO
L0000410	0	0.50968E-03	464650.6	3763767.9	267.3	3.40	4.51	3.16	YES	NO
L0000411	0	0.50968E-03	464640.9	3763768.0	266.6	3.40	4.51	3.16	YES	NO
L0000412	0	0.50968E-03	464638.4	3763762.4	266.1	3.40	4.51	3.16	YES	NO
L0000413	0	0.50968E-03	464640.6	3763753.0	265.9	3.40	4.51	3.16	YES	NO
L0000414	0	0.50968E-03	464642.9	3763743.6	265.5	3.40	4.51	3.16	YES	NO
L0000415	0	0.50968E-03	464645.2	3763734.1	265.2	3.40	4.51	3.16	YES	NO
L0000416	0	0.50968E-03	464647.3	3763724.7	264.9	3.40	4.51	3.16	YES	NO
L0000417	0	0.50968E-03	464649.1	3763715.1	264.6	3.40	4.51	3.16	YES	NO
L0000418	0	0.50968E-03	464650.8	3763705.6	264.1	3.40	4.51	3.16	YES	NO
L0000419	0	0.50968E-03	464652.6	3763696.1	263.6	3.40	4.51			

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3.16     YES                    NO
 L0000420         0   0.50968E-03  464654.4 3763686.5   263.1     3.40     4.51
3.16     YES                    NO
 L0000421         0   0.50968E-03  464656.1 3763677.0   262.5     3.40     4.51
3.16     YES                    NO
 L0000422         0   0.50968E-03  464658.7 3763667.7   261.9     3.40     4.51
3.16     YES                    NO
 L0000423         0   0.50968E-03  464661.9 3763658.5   261.4     3.40     4.51
3.16     YES                    NO
 L0000424         0   0.50968E-03  464665.0 3763649.3   260.8     3.40     4.51
3.16     YES                    NO
 L0000425         0   0.50968E-03  464668.1 3763640.1   260.2     3.40     4.51
3.16     YES                    NO
 L0000426         0   0.50968E-03  464671.3 3763630.9   259.9     3.40     4.51
3.16     YES                    NO
 L0000427         0   0.50968E-03  464674.4 3763621.8   259.8     3.40     4.51
3.16     YES                    NO
 L0000428         0   0.50968E-03  464673.8 3763612.3   259.0     3.40     4.51
3.16     YES                    NO
 L0000429         0   0.50968E-03  464672.0 3763602.8   257.9     3.40     4.51
3.16     YES                    NO
 L0000430         0   0.50968E-03  464670.2 3763593.3   256.9     3.40     4.51
3.16     YES                    NO
 L0000431         0   0.50968E-03  464666.6 3763584.4   256.3     3.40     4.51
3.16     YES                    NO
 L0000432         0   0.50968E-03  464662.0 3763575.8   256.0     3.40     4.51
3.16     YES                    NO
 L0000433         0   0.50968E-03  464656.8 3763568.0   255.6     3.40     4.51
3.16     YES                    NO
 L0000434         0   0.50968E-03  464648.0 3763563.9   255.4     3.40     4.51
3.16     YES                    NO
 L0000435         0   0.50968E-03  464639.2 3763559.9   255.1     3.40     4.51
3.16     YES                    NO
 L0000436         0   0.50968E-03  464630.3 3763555.8   254.9     3.40     4.51
3.16     YES                    NO
 L0000437         0   0.50968E-03  464621.5 3763551.7   254.6     3.40     4.51
3.16     YES                    NO
 L0000438         0   0.50968E-03  464612.7 3763547.7   254.4     3.40     4.51
3.16     YES                    NO
 L0000439         0   0.50968E-03  464603.9 3763543.6   254.3     3.40     4.51
3.16     YES                    NO
 L0000440         0   0.50968E-03  464605.7 3763534.8   254.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0000441	0	0.50968E-03	464608.6	3763525.6	254.0	3.40	4.51	3.16	YES	NO
L0000442	0	0.50968E-03	464611.5	3763516.3	253.9	3.40	4.51	3.16	YES	NO
L0000443	0	0.50968E-03	464614.3	3763507.1	253.9	3.40	4.51	3.16	YES	NO
L0000444	0	0.50968E-03	464617.2	3763497.8	253.8	3.40	4.51	3.16	YES	NO
L0000445	0	0.50968E-03	464620.1	3763488.5	253.8	3.40	4.51	3.16	YES	NO
L0000446	0	0.50968E-03	464623.0	3763479.3	253.7	3.40	4.51	3.16	YES	NO
L0000447	0	0.50968E-03	464625.9	3763470.0	253.7	3.40	4.51	3.16	YES	NO
L0000448	0	0.50968E-03	464628.8	3763460.8	253.6	3.40	4.51	3.16	YES	NO
L0000449	0	0.50968E-03	464631.7	3763451.5	253.5	3.40	4.51	3.16	YES	NO
L0000450	0	0.50968E-03	464634.6	3763442.2	253.4	3.40	4.51	3.16	YES	NO
L0000451	0	0.50968E-03	464637.4	3763433.0	253.3	3.40	4.51	3.16	YES	NO
L0000452	0	0.50968E-03	464640.3	3763423.7	253.3	3.40	4.51	3.16	YES	NO
L0000453	0	0.50968E-03	464643.2	3763414.5	253.2	3.40	4.51	3.16	YES	NO
L0000454	0	0.50968E-03	464647.3	3763405.7	253.1	3.40	4.51	3.16	YES	NO
L0000455	0	0.50968E-03	464651.8	3763397.1	253.0	3.40	4.51	3.16	YES	NO
L0000456	0	0.50968E-03	464656.3	3763388.5	252.9	3.40	4.51	3.16	YES	NO
L0000457	0	0.50968E-03	464660.9	3763380.0	252.9	3.40	4.51	3.16	YES	NO
L0000458	0	0.50968E-03	464665.4	3763371.4	252.8	3.40	4.51	3.16	YES	NO
L0000459	0	0.50968E-03	464670.0	3763362.8	252.7	3.40	4.51			

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3.16     YES                    NO
 L0000460         0   0.50968E-03  464674.5 3763354.2   252.5     3.40     4.51
3.16     YES                    NO
 L0000461         0   0.50968E-03  464679.1 3763345.7   252.2     3.40     4.51
3.16     YES                    NO
 L0000462         0   0.50968E-03  464683.6 3763337.1   251.9     3.40     4.51
3.16     YES                    NO
 L0000463         0   0.50968E-03  464688.1 3763328.5   251.8     3.40     4.51
3.16     YES                    NO
 L0000464         0   0.50968E-03  464692.7 3763320.0   251.9     3.40     4.51
3.16     YES                    NO
 L0000465         0   0.50968E-03  464697.2 3763311.4   251.6     3.40     4.51
3.16     YES                    NO
 L0000466         0   0.50968E-03  464701.8 3763302.8   251.2     3.40     4.51
3.16     YES                    NO
 L0000467         0   0.50968E-03  464706.3 3763294.3   250.9     3.40     4.51
3.16     YES                    NO
 L0000468         0   0.50968E-03  464710.8 3763285.7   250.7     3.40     4.51
3.16     YES                    NO
 L0000469         0   0.50968E-03  464715.4 3763277.1   250.7     3.40     4.51
3.16     YES                    NO
 L0000470         0   0.50968E-03  464719.9 3763268.5   250.9     3.40     4.51
3.16     YES                    NO
 L0000471         0   0.50968E-03  464724.5 3763260.0   250.9     3.40     4.51
3.16     YES                    NO
 L0000472         0   0.50968E-03  464729.0 3763251.4   250.6     3.40     4.51
3.16     YES                    NO
 L0000473         0   0.50968E-03  464733.6 3763242.8   250.4     3.40     4.51
3.16     YES                    NO
 L0000474         0   0.50968E-03  464738.1 3763234.3   250.4     3.40     4.51
3.16     YES                    NO
 L0000475         0   0.50968E-03  464742.6 3763225.7   250.8     3.40     4.51
3.16     YES                    NO
 L0000476         0   0.50968E-03  464747.7 3763217.4   250.7     3.40     4.51
3.16     YES                    NO
 L0000477         0   0.50968E-03  464753.1 3763209.4   250.3     3.40     4.51
3.16     YES                    NO
 L0000478         0   0.50968E-03  464758.6 3763201.3   250.1     3.40     4.51
3.16     YES                    NO
 L0000479         0   0.50968E-03  464764.0 3763193.3   250.2     3.40     4.51
3.16     YES                    NO
 L0000480         0   0.50968E-03  464769.4 3763185.3   250.3     3.40     4.51
3.16     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0000481	0	0.50968E-03	464774.8	3763177.2	250.1	3.40	4.51	3.16	YES	NO
L0000482	0	0.50968E-03	464780.2	3763169.2	249.9	3.40	4.51	3.16	YES	NO
L0000483	0	0.50968E-03	464785.7	3763161.1	249.9	3.40	4.51	3.16	YES	NO
L0000484	0	0.50968E-03	464791.1	3763153.1	249.8	3.40	4.51	3.16	YES	NO
L0000485	0	0.50968E-03	464796.5	3763145.1	250.1	3.40	4.51	3.16	YES	NO
L0000486	0	0.50968E-03	464801.9	3763137.0	249.8	3.40	4.51	3.16	YES	NO
L0000487	0	0.50968E-03	464807.4	3763129.0	249.3	3.40	4.51	3.16	YES	NO
L0000488	0	0.50968E-03	464812.8	3763120.9	248.1	3.40	4.51	3.16	YES	NO
L0000489	0	0.50968E-03	464818.2	3763112.9	246.9	3.40	4.51	3.16	YES	NO
L0000490	0	0.50968E-03	464823.6	3763104.8	245.9	3.40	4.51	3.16	YES	NO
L0000491	0	0.50968E-03	464829.1	3763096.8	244.9	3.40	4.51	3.16	YES	NO
L0000492	0	0.50968E-03	464834.5	3763088.8	244.1	3.40	4.51	3.16	YES	NO
L0000493	0	0.50968E-03	464839.9	3763080.7	243.5	3.40	4.51	3.16	YES	NO
L0000494	0	0.50968E-03	464845.3	3763072.7	243.0	3.40	4.51	3.16	YES	NO
L0000495	0	0.50968E-03	464850.8	3763064.6	242.8	3.40	4.51	3.16	YES	NO
L0000496	0	0.50968E-03	464856.2	3763056.6	242.5	3.40	4.51	3.16	YES	NO
L0000497	0	0.50968E-03	464861.6	3763048.6	242.4	3.40	4.51	3.16	YES	NO
L0000498	0	0.50968E-03	464867.0	3763040.5	242.2	3.40	4.51	3.16	YES	NO
L0000499	0	0.50968E-03	464872.5	3763032.5	242.3	3.40	4.51			

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3.16     YES                    NO
 L0000500         0   0.50968E-03  464877.9 3763024.4   242.7     3.40     4.51
3.16     YES                    NO
 L0000501         0   0.50968E-03  464883.3 3763016.4   243.0     3.40     4.51
3.16     YES                    NO
 L0000502         0   0.50968E-03  464888.7 3763008.3   243.3     3.40     4.51
3.16     YES                    NO
 L0000503         0   0.50968E-03  464894.2 3763000.3   243.5     3.40     4.51
3.16     YES                    NO
 L0000504         0   0.50968E-03  464899.6 3762992.3   243.6     3.40     4.51
3.16     YES                    NO
 L0000505         0   0.50968E-03  464905.0 3762984.2   243.7     3.40     4.51
3.16     YES                    NO
 L0000506         0   0.50968E-03  464910.4 3762976.2   243.8     3.40     4.51
3.16     YES                    NO
 L0000507         0   0.50968E-03  464915.9 3762968.1   243.8     3.40     4.51
3.16     YES                    NO
 L0000508         0   0.50968E-03  464921.3 3762960.1   243.9     3.40     4.51
3.16     YES                    NO
 L0000509         0   0.50968E-03  464926.7 3762952.1   243.8     3.40     4.51
3.16     YES                    NO
 L0000510         0   0.50968E-03  464932.1 3762944.0   243.8     3.40     4.51
3.16     YES                    NO
 L0000511         0   0.50968E-03  464937.6 3762936.0   243.7     3.40     4.51
3.16     YES                    NO
 L0000512         0   0.50968E-03  464943.0 3762927.9   243.7     3.40     4.51
3.16     YES                    NO
 L0000513         0   0.50968E-03  464948.5 3762919.9   243.7     3.40     4.51
3.16     YES                    NO
 L0000514         0   0.50968E-03  464954.1 3762912.0   243.8     3.40     4.51
3.16     YES                    NO
 L0000515         0   0.50968E-03  464959.7 3762904.1   243.9     3.40     4.51
3.16     YES                    NO
 L0000516         0   0.50968E-03  464965.3 3762896.2   244.0     3.40     4.51
3.16     YES                    NO
 L0000517         0   0.50968E-03  464970.9 3762888.2   244.0     3.40     4.51
3.16     YES                    NO
 L0000518         0   0.50968E-03  464976.4 3762880.3   243.9     3.40     4.51
3.16     YES                    NO
 L0000519         0   0.50968E-03  464982.0 3762872.4   243.8     3.40     4.51
3.16     YES                    NO
 L0000520         0   0.50968E-03  464987.6 3762864.5   243.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000521	0	0.50968E-03	464993.2	3762856.6	243.8	3.40	4.51	3.16	YES	NO	
L0000522	0	0.50968E-03	464998.8	3762848.6	244.0	3.40	4.51	3.16	YES	NO	
L0000523	0	0.50968E-03	465004.4	3762840.7	244.8	3.40	4.51	3.16	YES	NO	
L0000524	0	0.50968E-03	465010.0	3762832.8	246.0	3.40	4.51	3.16	YES	NO	
L0000525	0	0.50968E-03	465015.6	3762824.9	247.3	3.40	4.51	3.16	YES	NO	
L0000526	0	0.50968E-03	465021.2	3762816.9	248.6	3.40	4.51	3.16	YES	NO	
L0000527	0	0.50968E-03	465026.8	3762809.0	249.4	3.40	4.51	3.16	YES	NO	
L0000528	0	0.50968E-03	465032.4	3762801.1	249.3	3.40	4.51	3.16	YES	NO	
L0000529	0	0.50968E-03	465038.0	3762793.2	249.2	3.40	4.51	3.16	YES	NO	
L0000530	0	0.50968E-03	465043.6	3762785.3	248.9	3.40	4.51	3.16	YES	NO	
L0000531	0	0.50968E-03	465049.2	3762777.3	248.9	3.40	4.51	3.16	YES	NO	
L0000532	0	0.50968E-03	465054.8	3762769.4	249.1	3.40	4.51	3.16	YES	NO	
L0000533	0	0.50968E-03	465060.4	3762761.5	249.1	3.40	4.51	3.16	YES	NO	
L0000534	0	0.50968E-03	465066.0	3762753.6	248.7	3.40	4.51	3.16	YES	NO	
L0000535	0	0.50968E-03	465071.6	3762745.7	248.6	3.40	4.51	3.16	YES	NO	
L0000536	0	0.50968E-03	465077.2	3762737.7	248.9	3.40	4.51	3.16	YES	NO	
L0000537	0	0.50968E-03	465083.0	3762729.9	248.9	3.40	4.51	3.16	YES	NO	
L0000538	0	0.50968E-03	465088.9	3762722.2	248.4	3.40	4.51	3.16	YES	NO	
L0000539	0	0.50968E-03	465094.8	3762714.5	248.2	3.40	4.51				

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3.16     YES                    NO
 L0000540         0   0.50968E-03  465100.7 3762706.8   248.4     3.40     4.51
3.16     YES                    NO
 L0000541         0   0.50968E-03  465106.6 3762699.1   248.5     3.40     4.51
3.16     YES                    NO
 L0000542         0   0.50968E-03  465112.5 3762691.4   248.1     3.40     4.51
3.16     YES                    NO
 L0000543         0   0.50968E-03  465118.4 3762683.7   247.8     3.40     4.51
3.16     YES                    NO
 L0000544         0   0.50968E-03  465124.3 3762676.0   247.9     3.40     4.51
3.16     YES                    NO
 L0000545         0   0.50968E-03  465130.2 3762668.3   248.0     3.40     4.51
3.16     YES                    NO
 L0000546         0   0.50968E-03  465136.1 3762660.6   247.6     3.40     4.51
3.16     YES                    NO
 L0000547         0   0.50968E-03  465142.0 3762652.9   247.4     3.40     4.51
3.16     YES                    NO
 L0000548         0   0.50968E-03  465147.9 3762645.2   247.3     3.40     4.51
3.16     YES                    NO
 L0000549         0   0.50968E-03  465153.6 3762637.4   247.3     3.40     4.51
3.16     YES                    NO
 L0000550         0   0.50968E-03  465159.3 3762629.6   246.9     3.40     4.51
3.16     YES                    NO
 L0000551         0   0.50968E-03  465165.0 3762621.7   246.6     3.40     4.51
3.16     YES                    NO
 L0000552         0   0.50968E-03  465170.7 3762613.9   246.5     3.40     4.51
3.16     YES                    NO
 L0000553         0   0.50968E-03  465176.4 3762606.0   246.5     3.40     4.51
3.16     YES                    NO
 L0000554         0   0.50968E-03  465182.2 3762598.2   246.3     3.40     4.51
3.16     YES                    NO
 L0000555         0   0.50968E-03  465187.9 3762590.4   246.1     3.40     4.51
3.16     YES                    NO
 L0000556         0   0.50968E-03  465193.6 3762582.5   246.1     3.40     4.51
3.16     YES                    NO
 L0000557         0   0.50968E-03  465199.3 3762574.7   246.1     3.40     4.51
3.16     YES                    NO
 L0000558         0   0.50968E-03  465205.0 3762566.8   246.0     3.40     4.51
3.16     YES                    NO
 L0000559         0   0.50968E-03  465210.7 3762559.0   245.9     3.40     4.51
3.16     YES                    NO
 L0000560         0   0.50968E-03  465216.4 3762551.2   245.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000561	0	0.50968E-03	465222.1	3762543.3	245.7	3.40	4.51	3.16	YES	NO	
L0000562	0	0.50968E-03	465227.8	3762535.5	245.6	3.40	4.51	3.16	YES	NO	
L0000563	0	0.50968E-03	465233.4	3762527.5	245.6	3.40	4.51	3.16	YES	NO	
L0000564	0	0.50968E-03	465238.5	3762519.3	245.5	3.40	4.51	3.16	YES	NO	
L0000565	0	0.50968E-03	465243.6	3762511.0	245.4	3.40	4.51	3.16	YES	NO	
L0000566	0	0.50968E-03	465248.7	3762502.8	245.4	3.40	4.51	3.16	YES	NO	
L0000567	0	0.50968E-03	465253.8	3762494.5	245.3	3.40	4.51	3.16	YES	NO	
L0000568	0	0.50968E-03	465258.8	3762486.2	245.2	3.40	4.51	3.16	YES	NO	
L0000569	0	0.50968E-03	465263.9	3762478.0	245.1	3.40	4.51	3.16	YES	NO	
L0000570	0	0.50968E-03	465269.0	3762469.7	245.1	3.40	4.51	3.16	YES	NO	
L0000571	0	0.50968E-03	465274.1	3762461.5	245.0	3.40	4.51	3.16	YES	NO	
L0000572	0	0.50968E-03	465279.2	3762453.2	244.9	3.40	4.51	3.16	YES	NO	
L0000573	0	0.50968E-03	465284.3	3762444.9	244.9	3.40	4.51	3.16	YES	NO	
L0000574	0	0.50968E-03	465289.4	3762436.7	244.9	3.40	4.51	3.16	YES	NO	
L0000575	0	0.50968E-03	465294.5	3762428.4	244.9	3.40	4.51	3.16	YES	NO	
L0000576	0	0.50968E-03	465299.5	3762420.2	244.9	3.40	4.51	3.16	YES	NO	
L0000577	0	0.50968E-03	465304.6	3762411.9	244.9	3.40	4.51	3.16	YES	NO	
L0000578	0	0.50968E-03	465309.7	3762403.7	244.8	3.40	4.51	3.16	YES	NO	
L0000579	0	0.50968E-03	465314.8	3762395.4	244.8	3.40	4.51				

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3.16     YES                    NO
 L0000580         0   0.50968E-03  465319.9 3762387.1   244.8     3.40     4.51
3.16     YES                    NO
 L0000581         0   0.50968E-03  465325.0 3762378.9   244.9     3.40     4.51
3.16     YES                    NO
 L0000582         0   0.50968E-03  465330.1 3762370.6   244.9     3.40     4.51
3.16     YES                    NO
 L0000583         0   0.50968E-03  465335.1 3762362.4   244.8     3.40     4.51
3.16     YES                    NO
 L0000584         0   0.50968E-03  465340.2 3762354.1   245.0     3.40     4.51
3.16     YES                    NO
 L0000585         0   0.50968E-03  465345.3 3762345.8   245.3     3.40     4.51
3.16     YES                    NO
 L0000586         0   0.50968E-03  465350.4 3762337.6   245.3     3.40     4.51
3.16     YES                    NO
 L0000587         0   0.50968E-03  465355.5 3762329.3   245.0     3.40     4.51
3.16     YES                    NO
 L0000588         0   0.50968E-03  465360.6 3762321.1   245.2     3.40     4.51
3.16     YES                    NO
 L0000589         0   0.50968E-03  465365.7 3762312.8   245.5     3.40     4.51
3.16     YES                    NO
 L0000590         0   0.50968E-03  465370.7 3762304.5   245.6     3.40     4.51
3.16     YES                    NO
 L0000591         0   0.50968E-03  465375.8 3762296.3   245.4     3.40     4.51
3.16     YES                    NO
 L0000592         0   0.50968E-03  465380.9 3762288.0   245.1     3.40     4.51
3.16     YES                    NO
 L0000593         0   0.50968E-03  465386.0 3762279.8   245.2     3.40     4.51
3.16     YES                    NO
 L0000594         0   0.50968E-03  465391.9 3762272.1   245.5     3.40     4.51
3.16     YES                    NO
 L0000595         0   0.50968E-03  465398.0 3762264.5   245.8     3.40     4.51
3.16     YES                    NO
 L0000596         0   0.50968E-03  465404.0 3762256.9   245.7     3.40     4.51
3.16     YES                    NO
 L0000597         0   0.50968E-03  465410.0 3762249.3   245.7     3.40     4.51
3.16     YES                    NO
 L0000598         0   0.50968E-03  465416.0 3762241.6   246.0     3.40     4.51
3.16     YES                    NO
 L0000599         0   0.50968E-03  465422.0 3762234.0   246.2     3.40     4.51
3.16     YES                    NO
 L0000600         0   0.50968E-03  465428.0 3762226.4   246.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000601	0	0.50968E-03	465434.0	3762218.8	246.2	3.40	4.51	3.16	YES	NO	
L0000602	0	0.50968E-03	465440.0	3762211.2	246.2	3.40	4.51	3.16	YES	NO	
L0000603	0	0.50968E-03	465446.0	3762203.6	245.9	3.40	4.51	3.16	YES	NO	
L0000604	0	0.50968E-03	465453.2	3762197.6	246.1	3.40	4.51	3.16	YES	NO	
L0000605	0	0.50968E-03	465462.5	3762195.0	246.4	3.40	4.51	3.16	YES	NO	
L0000606	0	0.50968E-03	465471.8	3762192.4	246.7	3.40	4.51	3.16	YES	NO	
L0000607	0	0.50968E-03	465481.2	3762189.8	247.0	3.40	4.51	3.16	YES	NO	
L0000608	0	0.50968E-03	465490.5	3762187.2	247.1	3.40	4.51	3.16	YES	NO	
L0000609	0	0.50968E-03	465499.9	3762184.6	247.2	3.40	4.51	3.16	YES	NO	
L0000610	0	0.50968E-03	465509.2	3762182.0	247.4	3.40	4.51	3.16	YES	NO	
L0000611	0	0.50968E-03	465518.6	3762179.4	247.4	3.40	4.51	3.16	YES	NO	
L0000612	0	0.50968E-03	465527.9	3762176.8	247.6	3.40	4.51	3.16	YES	NO	
L0000613	0	0.50968E-03	465537.2	3762174.2	247.8	3.40	4.51	3.16	YES	NO	
L0000614	0	0.50968E-03	465546.6	3762171.6	247.9	3.40	4.51	3.16	YES	NO	
L0000615	0	0.50968E-03	465555.9	3762169.0	248.1	3.40	4.51	3.16	YES	NO	
L0000616	0	0.50968E-03	465565.3	3762166.4	248.1	3.40	4.51	3.16	YES	NO	
L0000617	0	0.50968E-03	465574.6	3762163.8	248.0	3.40	4.51	3.16	YES	NO	
L0000618	0	0.50968E-03	465584.0	3762161.2	248.0	3.40	4.51	3.16	YES	NO	
L0000619	0	0.50968E-03	465593.3	3762158.5	247.9	3.40	4.51				

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3.16     YES                    NO
 L0000620         0   0.50968E-03  465602.4 3762155.2   247.9     3.40     4.51
3.16     YES                    NO
 L0000621         0   0.50968E-03  465611.3 3762151.4   247.9     3.40     4.51
3.16     YES                    NO
 L0000622         0   0.50968E-03  465620.2 3762147.6   248.0     3.40     4.51
3.16     YES                    NO
 L0000623         0   0.50968E-03  465629.1 3762143.8   248.1     3.40     4.51
3.16     YES                    NO
 L0000624         0   0.50968E-03  465638.1 3762139.9   248.2     3.40     4.51
3.16     YES                    NO
 L0000625         0   0.50968E-03  465647.0 3762136.1   248.0     3.40     4.51
3.16     YES                    NO
 L0000626         0   0.50968E-03  465655.9 3762132.3   247.9     3.40     4.51
3.16     YES                    NO
 L0000627         0   0.50968E-03  465664.8 3762128.5   248.0     3.40     4.51
3.16     YES                    NO
 L0000628         0   0.50968E-03  465673.7 3762124.6   248.0     3.40     4.51
3.16     YES                    NO
 L0000629         0   0.50968E-03  465682.6 3762120.8   248.1     3.40     4.51
3.16     YES                    NO
 L0000630         0   0.50968E-03  465691.6 3762117.0   248.3     3.40     4.51
3.16     YES                    NO
 L0000631         0   0.50968E-03  465700.5 3762113.2   248.5     3.40     4.51
3.16     YES                    NO
 L0000632         0   0.50968E-03  465709.4 3762109.4   248.7     3.40     4.51
3.16     YES                    NO
 L0000633         0   0.50968E-03  465718.3 3762105.5   248.6     3.40     4.51
3.16     YES                    NO
 L0000634         0   0.50968E-03  465727.2 3762101.7   248.5     3.40     4.51
3.16     YES                    NO
 L0000635         0   0.50968E-03  465736.1 3762097.9   248.5     3.40     4.51
3.16     YES                    NO
 L0000636         0   0.50968E-03  465745.1 3762094.1   248.6     3.40     4.51
3.16     YES                    NO
 L0000637         0   0.50968E-03  465754.0 3762090.3   248.7     3.40     4.51
3.16     YES                    NO
 L0000638         0   0.50968E-03  465762.9 3762086.4   249.0     3.40     4.51
3.16     YES                    NO
 L0000639         0   0.50968E-03  465771.8 3762082.6   249.3     3.40     4.51
3.16     YES                    NO
 L0000640         0   0.50968E-03  465780.7 3762078.8   249.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000641	0	0.50968E-03	465789.6	3762075.0	249.2	3.40	4.51	3.16	YES	NO	
L0000642	0	0.50968E-03	465798.5	3762071.2	249.0	3.40	4.51	3.16	YES	NO	
L0000643	0	0.50968E-03	465807.5	3762067.3	248.9	3.40	4.51	3.16	YES	NO	
L0000644	0	0.50968E-03	465816.4	3762063.5	249.0	3.40	4.51	3.16	YES	NO	
L0000645	0	0.50968E-03	465825.3	3762059.7	249.1	3.40	4.51	3.16	YES	NO	
L0000646	0	0.50968E-03	465834.2	3762055.9	249.3	3.40	4.51	3.16	YES	NO	
L0000647	0	0.50968E-03	465843.0	3762051.7	249.7	3.40	4.51	3.16	YES	NO	
L0000648	0	0.50968E-03	465851.7	3762047.5	249.7	3.40	4.51	3.16	YES	NO	
L0000649	0	0.50968E-03	465860.5	3762043.3	249.1	3.40	4.51	3.16	YES	NO	
L0000650	0	0.50968E-03	465869.2	3762039.1	248.7	3.40	4.51	3.16	YES	NO	
L0000651	0	0.50968E-03	465878.0	3762034.9	247.8	3.40	4.51	3.16	YES	NO	
L0000652	0	0.50968E-03	465886.7	3762030.8	247.1	3.40	4.51	3.16	YES	NO	
L0000653	0	0.50968E-03	465895.5	3762026.6	246.6	3.40	4.51	3.16	YES	NO	
L0000654	0	0.50968E-03	465904.2	3762022.4	247.3	3.40	4.51	3.16	YES	NO	
L0000655	0	0.50968E-03	465913.0	3762018.2	248.3	3.40	4.51	3.16	YES	NO	
L0000656	0	0.50968E-03	465921.7	3762014.0	249.0	3.40	4.51	3.16	YES	NO	
L0000657	0	0.50968E-03	465930.5	3762009.8	248.8	3.40	4.51	3.16	YES	NO	
L0000658	0	0.50968E-03	465939.2	3762005.6	248.8	3.40	4.51	3.16	YES	NO	
L0000659	0	0.50968E-03	465948.0	3762001.4	248.9	3.40	4.51				

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3.16     YES                    NO
 L0000660         0   0.50968E-03  465956.7 3761997.3   248.9     3.40     4.51
3.16     YES                    NO
 L0000661         0   0.50968E-03  465965.5 3761993.1   249.0     3.40     4.51
3.16     YES                    NO
 L0000662         0   0.50968E-03  465974.2 3761988.9   249.2     3.40     4.51
3.16     YES                    NO
 L0000663         0   0.50968E-03  465983.0 3761984.7   249.1     3.40     4.51
3.16     YES                    NO
 L0000664         0   0.50968E-03  465991.7 3761980.5   248.7     3.40     4.51
3.16     YES                    NO
 L0000665         0   0.50968E-03  466000.4 3761976.3   248.5     3.40     4.51
3.16     YES                    NO
 L0000666         0   0.50968E-03  466009.2 3761972.1   248.4     3.40     4.51
3.16     YES                    NO
 L0000667         0   0.50968E-03  466017.9 3761967.9   248.4     3.40     4.51
3.16     YES                    NO
 L0000668         0   0.50968E-03  466026.7 3761963.7   248.4     3.40     4.51
3.16     YES                    NO
 L0000669         0   0.50968E-03  466035.4 3761959.6   248.5     3.40     4.51
3.16     YES                    NO
 L0000670         0   0.50968E-03  466044.2 3761955.4   248.6     3.40     4.51
3.16     YES                    NO
 L0000671         0   0.50968E-03  466052.9 3761951.2   248.3     3.40     4.51
3.16     YES                    NO
 L0000672         0   0.50968E-03  466061.7 3761947.0   248.1     3.40     4.51
3.16     YES                    NO
 L0000673         0   0.50968E-03  466070.4 3761942.8   248.0     3.40     4.51
3.16     YES                    NO
 L0000674         0   0.50968E-03  466079.2 3761938.6   247.9     3.40     4.51
3.16     YES                    NO
 L0000675         0   0.50968E-03  466087.9 3761934.4   247.8     3.40     4.51
3.16     YES                    NO
 L0000676         0   0.50968E-03  466096.7 3761930.2   247.8     3.40     4.51
3.16     YES                    NO
 L0000677         0   0.50968E-03  466105.4 3761926.0   247.9     3.40     4.51
3.16     YES                    NO
 L0000678         0   0.50968E-03  466114.2 3761921.9   247.8     3.40     4.51
3.16     YES                    NO
 L0000679         0   0.50968E-03  466122.9 3761917.7   247.7     3.40     4.51
3.16     YES                    NO
 L0000680         0   0.50968E-03  466131.7 3761913.5   247.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0000681	0	0.50968E-03	466140.4	3761909.3	247.7	3.40	4.51	3.16	YES	NO
L0000682	0	0.50968E-03	466149.2	3761905.1	247.6	3.40	4.51	3.16	YES	NO
L0000683	0	0.50968E-03	466157.9	3761900.9	247.7	3.40	4.51	3.16	YES	NO
L0000684	0	0.50968E-03	466166.7	3761896.7	247.6	3.40	4.51	3.16	YES	NO
L0000685	0	0.50968E-03	466175.4	3761892.5	247.5	3.40	4.51	3.16	YES	NO
L0000686	0	0.50968E-03	466184.2	3761888.4	247.8	3.40	4.51	3.16	YES	NO
L0000687	0	0.50968E-03	466192.9	3761884.2	248.0	3.40	4.51	3.16	YES	NO
L0000688	0	0.50968E-03	466201.7	3761880.0	248.0	3.40	4.51	3.16	YES	NO
L0000689	0	0.50968E-03	466210.4	3761875.8	248.1	3.40	4.51	3.16	YES	NO
L0000690	0	0.50968E-03	466219.2	3761871.6	248.1	3.40	4.51	3.16	YES	NO
L0000691	0	0.50968E-03	466227.9	3761867.4	247.9	3.40	4.51	3.16	YES	NO
L0000692	0	0.50968E-03	466236.6	3761863.1	248.0	3.40	4.51	3.16	YES	NO
L0000693	0	0.50968E-03	466245.2	3761858.6	248.3	3.40	4.51	3.16	YES	NO
L0000694	0	0.50968E-03	466253.8	3761854.1	248.5	3.40	4.51	3.16	YES	NO
L0000695	0	0.50968E-03	466262.4	3761849.6	248.7	3.40	4.51	3.16	YES	NO
L0000696	0	0.50968E-03	466271.0	3761845.2	248.7	3.40	4.51	3.16	YES	NO
L0000697	0	0.50968E-03	466279.6	3761840.7	248.5	3.40	4.51	3.16	YES	NO
L0000698	0	0.50968E-03	466288.2	3761836.2	248.4	3.40	4.51	3.16	YES	NO
L0000699	0	0.50968E-03	466296.8	3761831.7	248.3	3.40	4.51			

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3.16     YES                    NO
 L0000700         0   0.50968E-03  466305.4 3761827.2   248.7     3.40     4.51
3.16     YES                    NO
 L0000701         0   0.50968E-03  466314.0 3761822.7   249.2     3.40     4.51
3.16     YES                    NO
 L0000702         0   0.50968E-03  466322.6 3761818.2   249.4     3.40     4.51
3.16     YES                    NO
 L0000703         0   0.50968E-03  466331.2 3761813.7   249.3     3.40     4.51
3.16     YES                    NO
 L0000704         0   0.50968E-03  466339.8 3761809.2   249.3     3.40     4.51
3.16     YES                    NO
 L0000705         0   0.50968E-03  466348.4 3761804.8   249.2     3.40     4.51
3.16     YES                    NO
 L0000706         0   0.50968E-03  466357.0 3761800.3   248.9     3.40     4.51
3.16     YES                    NO
 L0000707         0   0.50968E-03  466365.6 3761795.8   249.6     3.40     4.51
3.16     YES                    NO
 L0000708         0   0.50968E-03  466374.2 3761791.3   250.1     3.40     4.51
3.16     YES                    NO
 L0000709         0   0.50968E-03  466382.8 3761786.8   250.3     3.40     4.51
3.16     YES                    NO
 L0000710         0   0.50968E-03  466391.4 3761782.3   250.6     3.40     4.51
3.16     YES                    NO
 L0000711         0   0.50968E-03  466400.0 3761777.8   250.6     3.40     4.51
3.16     YES                    NO
 L0000712         0   0.50968E-03  466408.6 3761773.3   250.5     3.40     4.51
3.16     YES                    NO
 L0000713         0   0.50968E-03  466417.2 3761768.8   250.5     3.40     4.51
3.16     YES                    NO
 L0000714         0   0.50968E-03  466425.8 3761764.4   251.2     3.40     4.51
3.16     YES                    NO
 L0000715         0   0.50968E-03  466434.4 3761759.9   251.6     3.40     4.51
3.16     YES                    NO
 L0000716         0   0.50968E-03  466443.0 3761755.4   252.0     3.40     4.51
3.16     YES                    NO
 L0000717         0   0.50968E-03  466451.6 3761750.9   252.2     3.40     4.51
3.16     YES                    NO
 L0000718         0   0.50968E-03  466460.2 3761746.4   252.2     3.40     4.51
3.16     YES                    NO
 L0000719         0   0.50968E-03  466468.8 3761741.9   252.2     3.40     4.51
3.16     YES                    NO
 L0000720         0   0.50968E-03  466477.4 3761737.4   252.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0000721	0	0.50968E-03	466486.0	3761732.9	252.7	3.40	4.51	3.16	YES	NO
L0000722	0	0.50968E-03	466494.6	3761728.4	253.1	3.40	4.51	3.16	YES	NO
L0000723	0	0.50968E-03	466503.2	3761723.9	253.4	3.40	4.51	3.16	YES	NO
L0000724	0	0.50968E-03	466511.8	3761719.5	253.7	3.40	4.51	3.16	YES	NO
L0000725	0	0.50968E-03	466520.4	3761715.0	253.9	3.40	4.51	3.16	YES	NO
L0000726	0	0.50968E-03	466529.0	3761710.5	254.0	3.40	4.51	3.16	YES	NO
L0000727	0	0.50968E-03	466537.6	3761706.0	254.1	3.40	4.51	3.16	YES	NO
L0000728	0	0.50968E-03	466546.2	3761701.5	254.7	3.40	4.51	3.16	YES	NO
L0000729	0	0.50968E-03	466554.8	3761697.0	255.1	3.40	4.51	3.16	YES	NO
L0000730	0	0.50968E-03	466563.4	3761692.5	255.4	3.40	4.51	3.16	YES	NO
L0000731	0	0.50968E-03	466572.0	3761688.0	255.8	3.40	4.51	3.16	YES	NO
L0000732	0	0.50968E-03	466580.6	3761683.5	256.0	3.40	4.51	3.16	YES	NO
L0000733	0	0.50968E-03	466589.2	3761679.1	256.2	3.40	4.51	3.16	YES	NO
L0000734	0	0.50968E-03	466597.8	3761674.6	256.4	3.40	4.51	3.16	YES	NO
L0000735	0	0.50968E-03	466606.4	3761670.1	256.9	3.40	4.51	3.16	YES	NO
L0000736	0	0.50968E-03	466615.0	3761665.6	257.3	3.40	4.51	3.16	YES	NO
L0000737	0	0.50968E-03	466623.6	3761661.1	257.7	3.40	4.51	3.16	YES	NO
L0000738	0	0.50968E-03	466632.2	3761656.6	258.0	3.40	4.51	3.16	YES	NO
L0000739	0	0.50968E-03	466640.8	3761652.1	258.1	3.40	4.51			

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3.16     YES                    NO
 L0000740         0   0.50968E-03  466649.4 3761647.6   258.2     3.40     4.51
3.16     YES                    NO
 L0000741         0   0.50968E-03  466658.0 3761643.1   258.5     3.40     4.51
3.16     YES                    NO
 L0000742         0   0.50968E-03  466666.6 3761638.7   259.0     3.40     4.51
3.16     YES                    NO
 L0000743         0   0.50968E-03  466675.2 3761634.2   259.3     3.40     4.51
3.16     YES                    NO
 L0000744         0   0.50968E-03  466683.8 3761629.7   259.6     3.40     4.51
3.16     YES                    NO
 L0000745         0   0.50968E-03  466692.4 3761625.2   259.8     3.40     4.51
3.16     YES                    NO
 L0000746         0   0.50968E-03  466701.0 3761620.7   260.1     3.40     4.51
3.16     YES                    NO
 L0000747         0   0.50968E-03  466709.5 3761616.2   260.3     3.40     4.51
3.16     YES                    NO
 L0000748         0   0.50968E-03  466718.1 3761611.7   260.6     3.40     4.51
3.16     YES                    NO
 L0000749         0   0.50968E-03  466726.7 3761607.2   260.9     3.40     4.51
3.16     YES                    NO
 L0000750         0   0.50968E-03  466735.3 3761602.7   261.2     3.40     4.51
3.16     YES                    NO
 L0000751         0   0.50968E-03  466743.9 3761598.3   261.4     3.40     4.51
3.16     YES                    NO
 L0000752         0   0.50968E-03  466752.5 3761593.8   261.7     3.40     4.51
3.16     YES                    NO
 L0000753         0   0.50968E-03  466761.1 3761589.3   262.0     3.40     4.51
3.16     YES                    NO
 L0000754         0   0.50968E-03  466769.7 3761584.8   262.4     3.40     4.51
3.16     YES                    NO
 L0000755         0   0.50968E-03  466778.3 3761580.3   262.7     3.40     4.51
3.16     YES                    NO
 L0000756         0   0.50968E-03  466786.9 3761575.8   263.0     3.40     4.51
3.16     YES                    NO
 L0000757         0   0.50968E-03  466795.5 3761571.3   263.3     3.40     4.51
3.16     YES                    NO
 L0000758         0   0.50968E-03  466804.1 3761566.8   263.6     3.40     4.51
3.16     YES                    NO
 L0000759         0   0.50968E-03  466812.7 3761562.3   263.9     3.40     4.51
3.16     YES                    NO
 L0000760         0   0.50968E-03  466821.3 3761557.9   264.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000761	0	0.50968E-03	466829.9	3761553.4	264.6	3.40	4.51	3.16	YES	NO	
L0000762	0	0.50968E-03	466838.5	3761548.9	264.9	3.40	4.51	3.16	YES	NO	
L0000763	0	0.50968E-03	466847.1	3761544.4	265.2	3.40	4.51	3.16	YES	NO	
L0000764	0	0.50968E-03	466855.7	3761539.9	265.5	3.40	4.51	3.16	YES	NO	
L0000765	0	0.50968E-03	466864.3	3761535.4	265.8	3.40	4.51	3.16	YES	NO	
L0000766	0	0.50968E-03	466872.9	3761530.9	266.1	3.40	4.51	3.16	YES	NO	
L0000767	0	0.50968E-03	466881.5	3761526.4	266.5	3.40	4.51	3.16	YES	NO	
L0000768	0	0.50968E-03	466890.1	3761521.9	266.8	3.40	4.51	3.16	YES	NO	
L0000769	0	0.50968E-03	466898.7	3761517.5	267.1	3.40	4.51	3.16	YES	NO	
L0000770	0	0.50968E-03	466907.3	3761513.0	267.4	3.40	4.51	3.16	YES	NO	
L0000771	0	0.50968E-03	466915.9	3761508.5	267.6	3.40	4.51	3.16	YES	NO	
L0000772	0	0.50968E-03	466924.5	3761504.0	267.9	3.40	4.51	3.16	YES	NO	
L0000773	0	0.50968E-03	466933.1	3761499.5	268.2	3.40	4.51	3.16	YES	NO	
L0000774	0	0.50968E-03	466941.7	3761495.0	268.6	3.40	4.51	3.16	YES	NO	
L0000775	0	0.50968E-03	466950.3	3761490.5	268.6	3.40	4.51	3.16	YES	NO	
L0000776	0	0.50968E-03	466958.9	3761486.0	268.0	3.40	4.51	3.16	YES	NO	
L0000777	0	0.50968E-03	466967.5	3761481.5	267.3	3.40	4.51	3.16	YES	NO	
L0000778	0	0.50968E-03	466976.1	3761477.1	266.2	3.40	4.51	3.16	YES	NO	
L0000779	0	0.50968E-03	466984.7	3761472.6	265.2	3.40	4.51				

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3.16     YES                    NO
 L0000780         0   0.50968E-03  466993.3 3761468.1   264.3     3.40     4.51
3.16     YES                    NO
 L0000781         0   0.50968E-03  467001.9 3761463.6   264.4     3.40     4.51
3.16     YES                    NO
 L0000782         0   0.50968E-03  467007.0 3761471.0   264.5     3.40     4.51
3.16     YES                    NO
 L0000783         0   0.50968E-03  467011.7 3761479.5   264.4     3.40     4.51
3.16     YES                    NO
 L0000784         0   0.50968E-03  467016.4 3761487.9   264.1     3.40     4.51
3.16     YES                    NO
 L0000785         0   0.50968E-03  467021.2 3761496.4   263.9     3.40     4.51
3.16     YES                    NO
 L0000786         0   0.50968E-03  467025.9 3761504.9   263.9     3.40     4.51
3.16     YES                    NO
 L0000787         0   0.50968E-03  467030.6 3761513.3   263.9     3.40     4.51
3.16     YES                    NO
 L0000788         0   0.50968E-03  467035.4 3761521.8   263.7     3.40     4.51
3.16     YES                    NO
 L0000789         0   0.50968E-03  467040.1 3761530.3   263.7     3.40     4.51
3.16     YES                    NO
 L0000790         0   0.50968E-03  467044.8 3761538.7   263.7     3.40     4.51
3.16     YES                    NO
 L0000791         0   0.50968E-03  467049.6 3761547.2   263.8     3.40     4.51
3.16     YES                    NO
 L0000792         0   0.50968E-03  467054.3 3761555.7   263.8     3.40     4.51
3.16     YES                    NO
 L0000793         0   0.50968E-03  467059.0 3761564.1   263.9     3.40     4.51
3.16     YES                    NO
 L0000794         0   0.50968E-03  467063.8 3761572.6   263.9     3.40     4.51
3.16     YES                    NO
 L0000795         0   0.50968E-03  467068.5 3761581.1   263.8     3.40     4.51
3.16     YES                    NO
 L0000796         0   0.50968E-03  467073.2 3761589.5   263.9     3.40     4.51
3.16     YES                    NO
 L0000797         0   0.50968E-03  467078.0 3761598.0   263.9     3.40     4.51
3.16     YES                    NO
 L0000798         0   0.50968E-03  467082.7 3761606.5   263.9     3.40     4.51
3.16     YES                    NO
 L0000799         0   0.50968E-03  467087.4 3761614.9   263.9     3.40     4.51
3.16     YES                    NO
 L0000800         0   0.50968E-03  467092.2 3761623.4   264.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0000801	0	0.50968E-03	467096.9	3761631.9	264.0	3.40	4.51	3.16	YES	NO
L0000802	0	0.50968E-03	467101.6	3761640.3	264.0	3.40	4.51	3.16	YES	NO
L0000803	0	0.50968E-03	467106.4	3761648.8	263.9	3.40	4.51	3.16	YES	NO
L0000804	0	0.50968E-03	467111.1	3761657.3	263.9	3.40	4.51	3.16	YES	NO
L0000805	0	0.50968E-03	467115.8	3761665.7	264.0	3.40	4.51	3.16	YES	NO
L0000806	0	0.50968E-03	467120.6	3761674.2	264.0	3.40	4.51	3.16	YES	NO
L0000807	0	0.50968E-03	467125.3	3761682.7	264.1	3.40	4.51	3.16	YES	NO
L0000808	0	0.50968E-03	467130.0	3761691.1	264.0	3.40	4.51	3.16	YES	NO
L0000809	0	0.50968E-03	467134.8	3761699.6	264.0	3.40	4.51	3.16	YES	NO
L0000810	0	0.50968E-03	467139.5	3761708.1	264.0	3.40	4.51	3.16	YES	NO
L0000811	0	0.50968E-03	467144.2	3761716.5	264.1	3.40	4.51	3.16	YES	NO
L0000812	0	0.50968E-03	467149.0	3761725.0	264.1	3.40	4.51	3.16	YES	NO
L0000813	0	0.50968E-03	467153.7	3761733.5	264.2	3.40	4.51	3.16	YES	NO
L0000814	0	0.50968E-03	467158.4	3761741.9	264.2	3.40	4.51	3.16	YES	NO
L0000815	0	0.50968E-03	467163.2	3761750.4	264.2	3.40	4.51	3.16	YES	NO
L0000816	0	0.50968E-03	467167.9	3761758.9	264.2	3.40	4.51	3.16	YES	NO
L0000817	0	0.50968E-03	467172.6	3761767.3	264.3	3.40	4.51	3.16	YES	NO
L0000818	0	0.50968E-03	467177.4	3761775.8	264.4	3.40	4.51	3.16	YES	NO
L0000819	0	0.50968E-03	467182.1	3761784.3	264.3	3.40	4.51			

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3.16     YES                    NO
 L0000820         0   0.50968E-03  467186.8 3761792.7   264.3     3.40     4.51
3.16     YES                    NO
 L0000821         0   0.50968E-03  467191.6 3761801.2   264.3     3.40     4.51
3.16     YES                    NO
 L0000822         0   0.50968E-03  467196.3 3761809.7   264.3     3.40     4.51
3.16     YES                    NO
 L0000823         0   0.50968E-03  467201.0 3761818.1   264.4     3.40     4.51
3.16     YES                    NO
 L0000824         0   0.50968E-03  467205.8 3761826.6   264.5     3.40     4.51
3.16     YES                    NO
 L0000825         0   0.50968E-03  467210.5 3761835.1   264.4     3.40     4.51
3.16     YES                    NO
 L0000826         0   0.50968E-03  467215.2 3761843.5   264.4     3.40     4.51
3.16     YES                    NO
 L0000827         0   0.50968E-03  467220.0 3761852.0   264.5     3.40     4.51
3.16     YES                    NO
 L0000828         0   0.50968E-03  467224.7 3761860.5   264.7     3.40     4.51
3.16     YES                    NO
 L0000829         0   0.50968E-03  467229.4 3761868.9   264.7     3.40     4.51
3.16     YES                    NO
 L0000830         0   0.50968E-03  467234.2 3761877.4   264.7     3.40     4.51
3.16     YES                    NO
 L0000831         0   0.50968E-03  467238.9 3761885.9   264.8     3.40     4.51
3.16     YES                    NO
 L0000832         0   0.50968E-03  467243.6 3761894.3   264.8     3.40     4.51
3.16     YES                    NO
 L0000833         0   0.50968E-03  467248.4 3761902.8   264.9     3.40     4.51
3.16     YES                    NO
 L0000834         0   0.50968E-03  467253.1 3761911.3   264.9     3.40     4.51
3.16     YES                    NO
 L0000835         0   0.50968E-03  467257.8 3761919.7   264.9     3.40     4.51
3.16     YES                    NO
 L0000836         0   0.50968E-03  467262.6 3761928.2   264.9     3.40     4.51
3.16     YES                    NO
 L0000837         0   0.50968E-03  467267.3 3761936.7   264.9     3.40     4.51
3.16     YES                    NO
 L0000838         0   0.50968E-03  467272.0 3761945.1   264.9     3.40     4.51
3.16     YES                    NO
 L0000839         0   0.50968E-03  467276.8 3761953.6   264.9     3.40     4.51
3.16     YES                    NO
 L0000840         0   0.50968E-03  467281.5 3761962.1   264.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000841	0	0.50968E-03	467286.2	3761970.5	264.8	3.40	4.51	3.16	YES	NO	
L0000842	0	0.50968E-03	467291.0	3761979.0	264.8	3.40	4.51	3.16	YES	NO	
L0000843	0	0.50968E-03	467295.7	3761987.5	264.8	3.40	4.51	3.16	YES	NO	
L0000844	0	0.50968E-03	467300.4	3761995.9	264.8	3.40	4.51	3.16	YES	NO	
L0000845	0	0.50968E-03	467305.2	3762004.4	264.8	3.40	4.51	3.16	YES	NO	
L0000846	0	0.50968E-03	467309.9	3762012.9	264.7	3.40	4.51	3.16	YES	NO	
L0000847	0	0.50968E-03	467314.6	3762021.3	264.6	3.40	4.51	3.16	YES	NO	
L0000848	0	0.50968E-03	467319.4	3762029.8	264.6	3.40	4.51	3.16	YES	NO	
L0000849	0	0.50968E-03	467324.1	3762038.3	264.6	3.40	4.51	3.16	YES	NO	
L0000850	0	0.50968E-03	467328.8	3762046.7	264.6	3.40	4.51	3.16	YES	NO	
L0000851	0	0.50968E-03	467333.6	3762055.2	264.5	3.40	4.51	3.16	YES	NO	
L0000852	0	0.50968E-03	467338.3	3762063.7	264.4	3.40	4.51	3.16	YES	NO	
L0000853	0	0.50968E-03	467343.0	3762072.1	264.4	3.40	4.51	3.16	YES	NO	
L0000854	0	0.50968E-03	467347.8	3762080.6	264.3	3.40	4.51	3.16	YES	NO	
L0000855	0	0.50968E-03	467352.5	3762089.1	264.3	3.40	4.51	3.16	YES	NO	
L0000856	0	0.50968E-03	467357.2	3762097.5	264.4	3.40	4.51	3.16	YES	NO	
L0000857	0	0.50968E-03	467362.0	3762106.0	264.3	3.40	4.51	3.16	YES	NO	
L0000858	0	0.50968E-03	467366.7	3762114.5	264.2	3.40	4.51	3.16	YES	NO	
L0000859	0	0.50968E-03	467371.4	3762122.9	264.2	3.40	4.51				

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3.16     YES                    NO
 L0000860         0   0.50968E-03  467376.2 3762131.4   264.2     3.40     4.51
3.16     YES                    NO
 L0000861         0   0.50968E-03  467380.9 3762139.9   264.3     3.40     4.51
3.16     YES                    NO
 L0000862         0   0.50968E-03  467385.6 3762148.3   264.3     3.40     4.51
3.16     YES                    NO
 L0000863         0   0.50968E-03  467390.4 3762156.8   264.3     3.40     4.51
3.16     YES                    NO
 L0000864         0   0.50968E-03  467395.1 3762165.3   264.3     3.40     4.51
3.16     YES                    NO
 L0000865         0   0.50968E-03  467399.8 3762173.7   264.3     3.40     4.51
3.16     YES                    NO
 L0000866         0   0.50968E-03  467404.6 3762182.2   264.4     3.40     4.51
3.16     YES                    NO
 L0000867         0   0.50968E-03  467409.3 3762190.7   264.5     3.40     4.51
3.16     YES                    NO
 L0000868         0   0.50968E-03  467414.0 3762199.1   264.5     3.40     4.51
3.16     YES                    NO
 L0000869         0   0.50968E-03  467418.8 3762207.6   264.5     3.40     4.51
3.16     YES                    NO
 L0000870         0   0.50968E-03  467423.5 3762216.1   264.5     3.40     4.51
3.16     YES                    NO
 L0000871         0   0.50968E-03  467428.2 3762224.5   264.7     3.40     4.51
3.16     YES                    NO
 L0000872         0   0.50968E-03  467433.0 3762233.0   264.8     3.40     4.51
3.16     YES                    NO
 L0000873         0   0.50968E-03  467437.7 3762241.5   264.8     3.40     4.51
3.16     YES                    NO
 L0000874         0   0.50968E-03  467442.5 3762249.9   264.9     3.40     4.51
3.16     YES                    NO
 L0000875         0   0.50968E-03  467447.2 3762258.4   265.0     3.40     4.51
3.16     YES                    NO
 L0000876         0   0.50968E-03  467451.9 3762266.9   265.0     3.40     4.51
3.16     YES                    NO
 L0000877         0   0.50968E-03  467456.7 3762275.3   265.1     3.40     4.51
3.16     YES                    NO
 L0000878         0   0.50968E-03  467461.4 3762283.8   265.3     3.40     4.51
3.16     YES                    NO
 L0000879         0   0.50968E-03  467466.1 3762292.3   265.4     3.40     4.51
3.16     YES                    NO
 L0000880         0   0.50968E-03  467470.9 3762300.7   265.4     3.40     4.51
3.16     YES                    NO
*** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT
L0000881	0	0.50968E-03	467475.6	3762309.2	265.5	3.40	4.51	3.16	YES	NO
L0000882	0	0.50968E-03	467480.3	3762317.7	265.6	3.40	4.51	3.16	YES	NO
L0000883	0	0.50968E-03	467485.1	3762326.1	265.7	3.40	4.51	3.16	YES	NO
L0000884	0	0.50968E-03	467489.8	3762334.6	265.8	3.40	4.51	3.16	YES	NO
L0000885	0	0.50968E-03	467494.5	3762343.1	265.9	3.40	4.51	3.16	YES	NO
L0000886	0	0.50968E-03	467499.3	3762351.5	266.1	3.40	4.51	3.16	YES	NO
L0000887	0	0.50968E-03	467504.0	3762360.0	266.1	3.40	4.51	3.16	YES	NO
L0000888	0	0.50968E-03	467508.7	3762368.5	266.2	3.40	4.51	3.16	YES	NO
L0000889	0	0.50968E-03	467513.5	3762376.9	266.3	3.40	4.51	3.16	YES	NO
L0000890	0	0.50968E-03	467518.2	3762385.4	266.3	3.40	4.51	3.16	YES	NO
L0000891	0	0.50968E-03	467522.9	3762393.9	266.4	3.40	4.51	3.16	YES	NO
L0000892	0	0.50968E-03	467527.7	3762402.3	266.5	3.40	4.51	3.16	YES	NO
L0000893	0	0.50968E-03	467532.4	3762410.8	266.6	3.40	4.51	3.16	YES	NO
L0000894	0	0.50968E-03	467537.1	3762419.3	266.7	3.40	4.51	3.16	YES	NO
L0000895	0	0.50968E-03	467541.9	3762427.7	266.8	3.40	4.51	3.16	YES	NO
L0000896	0	0.50968E-03	467546.6	3762436.2	266.8	3.40	4.51	3.16	YES	NO
L0000897	0	0.50968E-03	467551.3	3762444.7	267.0	3.40	4.51	3.16	YES	NO
L0000898	0	0.50968E-03	467556.1	3762453.1	267.1	3.40	4.51	3.16	YES	NO
L0000899	0	0.50968E-03	467560.8	3762461.6	267.2	3.40	4.51			

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3.16     YES                    NO
 L0000900         0   0.50968E-03  467565.5 3762470.0   267.3     3.40     4.51
3.16     YES                    NO
 L0000901         0   0.50968E-03  467570.3 3762478.5   267.4     3.40     4.51
3.16     YES                    NO
 L0000902         0   0.50968E-03  467575.0 3762487.0   267.5     3.40     4.51
3.16     YES                    NO
 L0000903         0   0.50968E-03  467579.7 3762495.4   267.6     3.40     4.51
3.16     YES                    NO
 L0000904         0   0.50968E-03  467584.5 3762503.9   267.7     3.40     4.51
3.16     YES                    NO
 L0000905         0   0.50968E-03  467589.2 3762512.4   267.8     3.40     4.51
3.16     YES                    NO
 L0000906         0   0.50968E-03  467593.9 3762520.8   267.9     3.40     4.51
3.16     YES                    NO
 L0000907         0   0.50968E-03  467598.7 3762529.3   267.9     3.40     4.51
3.16     YES                    NO
 L0000908         0   0.50968E-03  467603.4 3762537.8   268.0     3.40     4.51
3.16     YES                    NO
 L0000909         0   0.50968E-03  467608.2 3762546.2   268.1     3.40     4.51
3.16     YES                    NO
 L0000910         0   0.50968E-03  467613.0 3762554.6   268.2     3.40     4.51
3.16     YES                    NO
 L0000911         0   0.50968E-03  467617.8 3762563.1   268.3     3.40     4.51
3.16     YES                    NO
 L0000912         0   0.50968E-03  467622.6 3762571.5   268.3     3.40     4.51
3.16     YES                    NO
 L0000913         0   0.50968E-03  467627.3 3762580.0   268.4     3.40     4.51
3.16     YES                    NO
 L0000914         0   0.50968E-03  467632.1 3762588.4   268.4     3.40     4.51
3.16     YES                    NO
 L0000915         0   0.50968E-03  467636.9 3762596.8   268.6     3.40     4.51
3.16     YES                    NO
 L0000916         0   0.50968E-03  467641.7 3762605.3   268.6     3.40     4.51
3.16     YES                    NO
 L0000917         0   0.50968E-03  467646.5 3762613.7   268.6     3.40     4.51
3.16     YES                    NO
 L0000918         0   0.50968E-03  467651.2 3762622.2   268.7     3.40     4.51
3.16     YES                    NO
 L0000919         0   0.50968E-03  467656.0 3762630.6   268.7     3.40     4.51
3.16     YES                    NO
 L0000920         0   0.50968E-03  467660.8 3762639.0   268.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT EMISSION RATE SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0000921	0	0.50968E-03		467665.6	3762647.5	268.9	3.40	4.51	3.16	YES
L0000922	0	0.50968E-03		467670.4	3762655.9	268.9	3.40	4.51	3.16	YES
L0000923	0	0.50968E-03		467675.1	3762664.4	268.9	3.40	4.51	3.16	YES
L0000924	0	0.50968E-03		467679.9	3762672.8	269.0	3.40	4.51	3.16	YES
L0000925	0	0.50968E-03		467684.7	3762681.2	269.0	3.40	4.51	3.16	YES
L0000926	0	0.50968E-03		467689.5	3762689.7	269.1	3.40	4.51	3.16	YES
L0000927	0	0.50968E-03		467694.3	3762698.1	269.2	3.40	4.51	3.16	YES
L0000928	0	0.50968E-03		467699.0	3762706.6	269.2	3.40	4.51	3.16	YES
L0000929	0	0.50968E-03		467703.8	3762715.0	269.2	3.40	4.51	3.16	YES
L0000930	0	0.50968E-03		467708.6	3762723.4	269.3	3.40	4.51	3.16	YES
L0000931	0	0.50968E-03		467713.4	3762731.9	269.3	3.40	4.51	3.16	YES
L0000932	0	0.50968E-03		467718.2	3762740.3	269.4	3.40	4.51	3.16	YES
L0000933	0	0.50968E-03		467722.9	3762748.8	269.4	3.40	4.51	3.16	YES
L0000934	0	0.50968E-03		467727.7	3762757.2	269.4	3.40	4.51	3.16	YES
L0000935	0	0.50968E-03		467732.5	3762765.7	269.4	3.40	4.51	3.16	YES
L0000936	0	0.50968E-03		467737.3	3762774.1	269.5	3.40	4.51	3.16	YES
L0000937	0	0.50968E-03		467742.1	3762782.5	269.6	3.40	4.51	3.16	YES
L0000938	0	0.50968E-03		467746.8	3762791.0	269.6	3.40	4.51	3.16	YES
L0000939	0	0.50968E-03		467751.6	3762799.4	269.6	3.40	4.51		

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3.16     YES                    NO
 L0000940         0   0.50968E-03  467756.4 3762807.9   269.6     3.40     4.51
3.16     YES                    NO
 L0000941         0   0.50968E-03  467761.2 3762816.3   269.7     3.40     4.51
3.16     YES                    NO
 L0000942         0   0.50968E-03  467765.9 3762824.7   269.8     3.40     4.51
3.16     YES                    NO
 L0000943         0   0.50968E-03  467770.7 3762833.2   269.9     3.40     4.51
3.16     YES                    NO
 L0000944         0   0.50968E-03  467775.5 3762841.6   270.0     3.40     4.51
3.16     YES                    NO
 L0000945         0   0.50968E-03  467780.3 3762850.1   269.9     3.40     4.51
3.16     YES                    NO
 L0000946         0   0.50968E-03  467785.1 3762858.5   270.0     3.40     4.51
3.16     YES                    NO
 L0000947         0   0.50968E-03  467789.8 3762866.9   270.1     3.40     4.51
3.16     YES                    NO
 L0000948         0   0.50968E-03  467794.6 3762875.4   270.2     3.40     4.51
3.16     YES                    NO
 L0000949         0   0.50968E-03  467799.4 3762883.8   270.2     3.40     4.51
3.16     YES                    NO
 L0000950         0   0.50968E-03  467804.2 3762892.3   270.2     3.40     4.51
3.16     YES                    NO
 L0000951         0   0.50968E-03  467809.0 3762900.7   270.2     3.40     4.51
3.16     YES                    NO
 L0000952         0   0.50968E-03  467813.7 3762909.1   270.2     3.40     4.51
3.16     YES                    NO
 L0000953         0   0.50968E-03  467818.5 3762917.6   270.3     3.40     4.51
3.16     YES                    NO
 L0000954         0   0.50968E-03  467823.3 3762926.0   270.4     3.40     4.51
3.16     YES                    NO
 L0000955         0   0.50968E-03  467828.1 3762934.5   270.4     3.40     4.51
3.16     YES                    NO
 L0000956         0   0.50968E-03  467832.9 3762942.9   270.3     3.40     4.51
3.16     YES                    NO
 L0000957         0   0.50968E-03  467837.6 3762951.4   270.3     3.40     4.51
3.16     YES                    NO
 L0000958         0   0.50968E-03  467842.4 3762959.8   270.4     3.40     4.51
3.16     YES                    NO
 L0000959         0   0.50968E-03  467847.2 3762968.2   270.6     3.40     4.51
3.16     YES                    NO
 L0000960         0   0.50968E-03  467852.0 3762976.7   270.6     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0000961	0	0.50968E-03	467856.8	3762985.1	270.6	3.40	4.51	3.16	YES	NO	
L0000962	0	0.50968E-03	467861.5	3762993.6	270.6	3.40	4.51	3.16	YES	NO	
L0000963	0	0.50968E-03	467866.3	3763002.0	270.7	3.40	4.51	3.16	YES	NO	
L0000964	0	0.50968E-03	467871.1	3763010.4	270.8	3.40	4.51	3.16	YES	NO	
L0000965	0	0.50968E-03	467875.9	3763018.9	270.9	3.40	4.51	3.16	YES	NO	
L0000966	0	0.50968E-03	467880.7	3763027.3	270.9	3.40	4.51	3.16	YES	NO	
L0000967	0	0.50968E-03	467885.4	3763035.8	270.9	3.40	4.51	3.16	YES	NO	
L0000968	0	0.50968E-03	467890.2	3763044.2	270.9	3.40	4.51	3.16	YES	NO	
L0000969	0	0.50968E-03	467895.0	3763052.6	271.0	3.40	4.51	3.16	YES	NO	
L0000970	0	0.50968E-03	467899.8	3763061.1	271.1	3.40	4.51	3.16	YES	NO	
L0000971	0	0.50968E-03	467904.6	3763069.5	271.0	3.40	4.51	3.16	YES	NO	
L0000972	0	0.50968E-03	467909.3	3763078.0	271.0	3.40	4.51	3.16	YES	NO	
L0000973	0	0.50968E-03	467914.1	3763086.4	271.1	3.40	4.51	3.16	YES	NO	
L0000974	0	0.50968E-03	467918.9	3763094.8	271.1	3.40	4.51	3.16	YES	NO	
L0000975	0	0.50968E-03	467923.7	3763103.3	271.2	3.40	4.51	3.16	YES	NO	
L0000976	0	0.50968E-03	467928.5	3763111.7	271.2	3.40	4.51	3.16	YES	NO	
L0000977	0	0.50968E-03	467933.2	3763120.2	271.2	3.40	4.51	3.16	YES	NO	
L0000978	0	0.50968E-03	467938.0	3763128.6	271.2	3.40	4.51	3.16	YES	NO	
L0000979	0	0.50968E-03	467942.8	3763137.0	271.3	3.40	4.51				

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3.16     YES                    NO
 L0000980         0   0.50968E-03  467947.6 3763145.5   271.4     3.40     4.51
3.16     YES                    NO
 L0000981         0   0.50968E-03  467952.3 3763153.9   271.4     3.40     4.51
3.16     YES                    NO
 L0000982         0   0.50968E-03  467957.1 3763162.4   271.4     3.40     4.51
3.16     YES                    NO
 L0000983         0   0.50968E-03  467961.9 3763170.8   271.4     3.40     4.51
3.16     YES                    NO
 L0000984         0   0.50968E-03  467966.7 3763179.3   271.5     3.40     4.51
3.16     YES                    NO
 L0000985         0   0.50968E-03  467971.5 3763187.7   271.5     3.40     4.51
3.16     YES                    NO
 L0000986         0   0.50968E-03  467976.2 3763196.1   271.6     3.40     4.51
3.16     YES                    NO
 L0000987         0   0.50968E-03  467981.0 3763204.6   271.6     3.40     4.51
3.16     YES                    NO
 L0000988         0   0.50968E-03  467985.8 3763213.0   271.6     3.40     4.51
3.16     YES                    NO
 L0000989         0   0.50968E-03  467990.6 3763221.5   271.7     3.40     4.51
3.16     YES                    NO
 L0000990         0   0.50968E-03  467995.4 3763229.9   271.7     3.40     4.51
3.16     YES                    NO
 L0000991         0   0.50968E-03  468000.1 3763238.3   271.8     3.40     4.51
3.16     YES                    NO
 L0000992         0   0.50968E-03  468004.9 3763246.8   271.8     3.40     4.51
3.16     YES                    NO
 L0000993         0   0.50968E-03  468009.7 3763255.2   271.8     3.40     4.51
3.16     YES                    NO
 L0000994         0   0.50968E-03  468014.5 3763263.7   271.9     3.40     4.51
3.16     YES                    NO
 L0000995         0   0.50968E-03  468019.3 3763272.1   271.9     3.40     4.51
3.16     YES                    NO
 L0000996         0   0.50968E-03  468024.0 3763280.5   272.0     3.40     4.51
3.16     YES                    NO
 L0000997         0   0.50968E-03  468028.8 3763289.0   272.0     3.40     4.51
3.16     YES                    NO
 L0000998         0   0.50968E-03  468033.6 3763297.4   272.1     3.40     4.51
3.16     YES                    NO
 L0000999         0   0.50968E-03  468038.4 3763305.9   272.1     3.40     4.51
3.16     YES                    NO
 L0001000         0   0.50968E-03  468043.2 3763314.3   272.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

                                  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT EMISSION RATE
L0001001	0	0.50968E-03	468047.9	3763322.7	272.2	3.40	4.51	3.16	YES	NO
L0001002	0	0.50968E-03	468052.7	3763331.2	272.2	3.40	4.51	3.16	YES	NO
L0001003	0	0.50968E-03	468057.5	3763339.6	272.3	3.40	4.51	3.16	YES	NO
L0001004	0	0.50968E-03	468062.3	3763348.1	272.3	3.40	4.51	3.16	YES	NO
L0001005	0	0.50968E-03	468067.1	3763356.5	272.4	3.40	4.51	3.16	YES	NO
L0001006	0	0.50968E-03	468071.8	3763364.9	272.4	3.40	4.51	3.16	YES	NO
L0001007	0	0.50968E-03	468076.6	3763373.4	272.4	3.40	4.51	3.16	YES	NO
L0001008	0	0.50968E-03	468081.4	3763381.8	272.5	3.40	4.51	3.16	YES	NO
L0001009	0	0.50968E-03	468086.2	3763390.3	272.5	3.40	4.51	3.16	YES	NO
L0001010	0	0.50968E-03	468091.0	3763398.7	272.6	3.40	4.51	3.16	YES	NO
L0001011	0	0.50968E-03	468095.7	3763407.2	272.6	3.40	4.51	3.16	YES	NO
L0001012	0	0.50968E-03	468100.5	3763415.6	272.6	3.40	4.51	3.16	YES	NO
L0001013	0	0.50968E-03	468105.3	3763424.0	272.6	3.40	4.51	3.16	YES	NO
L0001014	0	0.50968E-03	468110.1	3763432.5	272.6	3.40	4.51	3.16	YES	NO
L0001015	0	0.50968E-03	468114.8	3763440.9	272.7	3.40	4.51	3.16	YES	NO
L0001016	0	0.50968E-03	468119.6	3763449.4	272.7	3.40	4.51	3.16	YES	NO
L0001017	0	0.50968E-03	468124.4	3763457.8	272.6	3.40	4.51	3.16	YES	NO
L0001018	0	0.50968E-03	468129.2	3763466.2	272.6	3.40	4.51	3.16	YES	NO
L0001019	0	0.50968E-03	468134.0	3763474.7	272.7	3.40	4.51			

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3.16     YES                    NO
 L0001020         0   0.50968E-03  468138.7 3763483.1   272.6     3.40     4.51
3.16     YES                    NO
 L0001021         0   0.50968E-03  468143.5 3763491.6   272.6     3.40     4.51
3.16     YES                    NO
 L0001022         0   0.50968E-03  468148.3 3763500.0   272.5     3.40     4.51
3.16     YES                    NO
 L0001023         0   0.50968E-03  468153.1 3763508.4   272.6     3.40     4.51
3.16     YES                    NO
 L0001024         0   0.50968E-03  468157.9 3763516.9   272.7     3.40     4.51
3.16     YES                    NO
 L0001025         0   0.50968E-03  468162.6 3763525.3   272.7     3.40     4.51
3.16     YES                    NO
 L0001026         0   0.50968E-03  468167.4 3763533.8   272.6     3.40     4.51
3.16     YES                    NO
 L0001027         0   0.50968E-03  468172.2 3763542.2   272.6     3.40     4.51
3.16     YES                    NO
 L0001028         0   0.50968E-03  468177.0 3763550.6   272.6     3.40     4.51
3.16     YES                    NO
 L0001029         0   0.50968E-03  468181.8 3763559.1   272.7     3.40     4.51
3.16     YES                    NO
 L0001030         0   0.50968E-03  468186.5 3763567.5   272.7     3.40     4.51
3.16     YES                    NO
 L0001031         0   0.50968E-03  468191.3 3763576.0   272.7     3.40     4.51
3.16     YES                    NO
 L0001032         0   0.50968E-03  468196.1 3763584.4   272.7     3.40     4.51
3.16     YES                    NO
 L0001033         0   0.50968E-03  468200.9 3763592.8   272.7     3.40     4.51
3.16     YES                    NO
 L0001034         0   0.50968E-03  468205.7 3763601.3   272.8     3.40     4.51
3.16     YES                    NO
 L0001035         0   0.50968E-03  468210.4 3763609.7   272.9     3.40     4.51
3.16     YES                    NO
 L0001036         0   0.50968E-03  468215.2 3763618.2   272.9     3.40     4.51
3.16     YES                    NO
 L0001037         0   0.50968E-03  468220.0 3763626.6   272.9     3.40     4.51
3.16     YES                    NO
 L0001038         0   0.50968E-03  468224.8 3763635.1   272.9     3.40     4.51
3.16     YES                    NO
 L0001039         0   0.50968E-03  468229.6 3763643.5   273.0     3.40     4.51
3.16     YES                    NO
 L0001040         0   0.50968E-03  468234.3 3763651.9   273.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0001041	0	0.50968E-03	468239.1	3763660.4	273.1	3.40	4.51	3.16	YES	NO
L0001042	0	0.50968E-03	468243.9	3763668.8	273.2	3.40	4.51	3.16	YES	NO
L0001043	0	0.50968E-03	468248.7	3763677.3	273.3	3.40	4.51	3.16	YES	NO
L0001044	0	0.50968E-03	468253.5	3763685.7	273.4	3.40	4.51	3.16	YES	NO
L0001045	0	0.50968E-03	468258.2	3763694.1	273.4	3.40	4.51	3.16	YES	NO
L0001046	0	0.50968E-03	468263.0	3763702.6	273.5	3.40	4.51	3.16	YES	NO
L0001047	0	0.50968E-03	468267.8	3763711.0	273.6	3.40	4.51	3.16	YES	NO
L0001048	0	0.50968E-03	468272.6	3763719.5	273.7	3.40	4.51	3.16	YES	NO
L0001049	0	0.50968E-03	468277.4	3763727.9	273.8	3.40	4.51	3.16	YES	NO
L0001050	0	0.50968E-03	468282.1	3763736.3	273.8	3.40	4.51	3.16	YES	NO
L0001051	0	0.50968E-03	468286.9	3763744.8	273.8	3.40	4.51	3.16	YES	NO
L0001052	0	0.50968E-03	468291.7	3763753.2	273.9	3.40	4.51	3.16	YES	NO
L0001053	0	0.50968E-03	468296.5	3763761.7	274.0	3.40	4.51	3.16	YES	NO
L0001054	0	0.50968E-03	468301.2	3763770.1	274.1	3.40	4.51	3.16	YES	NO
L0001055	0	0.50968E-03	468306.0	3763778.5	274.1	3.40	4.51	3.16	YES	NO
L0001056	0	0.50968E-03	468310.8	3763787.0	274.2	3.40	4.51	3.16	YES	NO
L0001057	0	0.50968E-03	468315.6	3763795.4	274.3	3.40	4.51	3.16	YES	NO
L0001058	0	0.50968E-03	468320.4	3763803.9	274.4	3.40	4.51	3.16	YES	NO
L0001059	0	0.50968E-03	468325.1	3763812.3	274.5	3.40	4.51			

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3.16     YES                    NO
 L0001060         0   0.50968E-03  468329.9 3763820.8   274.6     3.40     4.51
3.16     YES                    NO
 L0001061         0   0.50968E-03  468334.7 3763829.2   274.7     3.40     4.51
3.16     YES                    NO
 L0001062         0   0.50968E-03  468339.5 3763837.6   274.8     3.40     4.51
3.16     YES                    NO
 L0001063         0   0.50968E-03  468344.3 3763846.1   274.9     3.40     4.51
3.16     YES                    NO
 L0001064         0   0.50968E-03  468349.0 3763854.5   275.0     3.40     4.51
3.16     YES                    NO
 L0001065         0   0.50968E-03  468353.8 3763863.0   275.1     3.40     4.51
3.16     YES                    NO
 L0001066         0   0.50968E-03  468358.6 3763871.4   275.1     3.40     4.51
3.16     YES                    NO
 L0001067         0   0.50968E-03  468363.4 3763879.8   275.2     3.40     4.51
3.16     YES                    NO
 L0001068         0   0.50968E-03  468368.2 3763888.3   275.2     3.40     4.51
3.16     YES                    NO
 L0001069         0   0.50968E-03  468372.9 3763896.7   275.3     3.40     4.51
3.16     YES                    NO
 L0001070         0   0.50968E-03  468377.7 3763905.2   275.3     3.40     4.51
3.16     YES                    NO
 L0001071         0   0.50968E-03  468382.5 3763913.6   275.4     3.40     4.51
3.16     YES                    NO
 L0001072         0   0.50968E-03  468387.3 3763922.0   275.4     3.40     4.51
3.16     YES                    NO
 L0001073         0   0.50968E-03  468392.1 3763930.5   275.6     3.40     4.51
3.16     YES                    NO
 L0001074         0   0.50968E-03  468396.8 3763938.9   275.6     3.40     4.51
3.16     YES                    NO
 L0001075         0   0.50968E-03  468401.6 3763947.4   275.6     3.40     4.51
3.16     YES                    NO
 L0001076         0   0.50968E-03  468406.4 3763955.8   275.7     3.40     4.51
3.16     YES                    NO
 L0001077         0   0.50968E-03  468411.2 3763964.2   275.7     3.40     4.51
3.16     YES                    NO
 L0001078         0   0.50968E-03  468416.0 3763972.7   275.8     3.40     4.51
3.16     YES                    NO
 L0001079         0   0.50968E-03  468420.7 3763981.1   275.9     3.40     4.51
3.16     YES                    NO
 L0001080         0   0.50968E-03  468425.5 3763989.6   276.0     3.40     4.51
3.16     YES                    NO
*** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0001081	0	0.50968E-03	468430.3	3763998.0	276.1	3.40	4.51	3.16	YES	NO
L0001082	0	0.50968E-03	468435.1	3764006.4	276.2	3.40	4.51	3.16	YES	NO
L0001083	0	0.50968E-03	468439.9	3764014.9	276.3	3.40	4.51	3.16	YES	NO
L0001084	0	0.50968E-03	468444.6	3764023.3	276.4	3.40	4.51	3.16	YES	NO
L0001085	0	0.50968E-03	468449.4	3764031.8	276.4	3.40	4.51	3.16	YES	NO
L0001086	0	0.50968E-03	468454.2	3764040.2	276.6	3.40	4.51	3.16	YES	NO
L0001087	0	0.50968E-03	468459.0	3764048.7	276.7	3.40	4.51	3.16	YES	NO
L0001088	0	0.50968E-03	468463.8	3764057.1	276.8	3.40	4.51	3.16	YES	NO
L0001089	0	0.50968E-03	468468.5	3764065.5	276.9	3.40	4.51	3.16	YES	NO
L0001090	0	0.50968E-03	468473.3	3764074.0	277.1	3.40	4.51	3.16	YES	NO
L0001091	0	0.50968E-03	468478.1	3764082.4	277.2	3.40	4.51	3.16	YES	NO
L0001092	0	0.50968E-03	468482.9	3764090.9	277.3	3.40	4.51	3.16	YES	NO
L0001093	0	0.50968E-03	468487.6	3764099.3	277.4	3.40	4.51	3.16	YES	NO
L0001094	0	0.50968E-03	468492.4	3764107.7	277.6	3.40	4.51	3.16	YES	NO
L0001095	0	0.50968E-03	468497.2	3764116.2	277.7	3.40	4.51	3.16	YES	NO
L0001096	0	0.50968E-03	468502.0	3764124.6	277.8	3.40	4.51	3.16	YES	NO
L0001097	0	0.50968E-03	468506.8	3764133.1	277.9	3.40	4.51	3.16	YES	NO
L0001098	0	0.50968E-03	468511.5	3764141.5	278.0	3.40	4.51	3.16	YES	NO
L0001099	0	0.50968E-03	468516.3	3764149.9	278.1	3.40	4.51			

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3.16     YES                    NO
 L0001100         0   0.50968E-03  468521.1 3764158.4   278.3     3.40     4.51
3.16     YES                    NO
 L0001101         0   0.50968E-03  468525.9 3764166.8   278.4     3.40     4.51
3.16     YES                    NO
 L0001102         0   0.50968E-03  468530.7 3764175.3   278.4     3.40     4.51
3.16     YES                    NO
 L0001103         0   0.50968E-03  468535.4 3764183.7   278.5     3.40     4.51
3.16     YES                    NO
 L0001104         0   0.50968E-03  468540.2 3764192.1   278.7     3.40     4.51
3.16     YES                    NO
 L0001105         0   0.50968E-03  468545.0 3764200.6   278.8     3.40     4.51
3.16     YES                    NO
 L0001106         0   0.50968E-03  468549.8 3764209.0   278.8     3.40     4.51
3.16     YES                    NO
 L0001107         0   0.50968E-03  468554.6 3764217.5   278.9     3.40     4.51
3.16     YES                    NO
 L0001108         0   0.50968E-03  468559.3 3764225.9   279.1     3.40     4.51
3.16     YES                    NO
 L0001109         0   0.50968E-03  468564.1 3764234.3   279.2     3.40     4.51
3.16     YES                    NO
 L0001110         0   0.50968E-03  468568.9 3764242.8   279.4     3.40     4.51
3.16     YES                    NO
 L0001111         0   0.50968E-03  468573.7 3764251.2   279.5     3.40     4.51
3.16     YES                    NO
 L0001112         0   0.50968E-03  468578.5 3764259.7   279.6     3.40     4.51
3.16     YES                    NO
 L0001113         0   0.50968E-03  468583.2 3764268.1   279.8     3.40     4.51
3.16     YES                    NO
 L0001114         0   0.50968E-03  468588.0 3764276.6   279.9     3.40     4.51
3.16     YES                    NO
 L0001115         0   0.50968E-03  468593.7 3764284.4   280.1     3.40     4.51
3.16     YES                    NO
 L0001116         0   0.50968E-03  468599.6 3764292.1   280.3     3.40     4.51
3.16     YES                    NO
 L0001117         0   0.50968E-03  468605.5 3764299.8   280.5     3.40     4.51
3.16     YES                    NO
 L0001118         0   0.50968E-03  468611.3 3764307.5   280.6     3.40     4.51
3.16     YES                    NO
 L0001119         0   0.50968E-03  468617.2 3764315.2   280.7     3.40     4.51
3.16     YES                    NO
 L0001120         0   0.50968E-03  468623.1 3764322.9   280.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0001121	0	0.50968E-03	468629.0	3764330.6	281.1	3.40	4.51	3.16	YES	NO
L0001122	0	0.50968E-03	468634.9	3764338.3	281.2	3.40	4.51	3.16	YES	NO
L0001123	0	0.50968E-03	468640.8	3764346.0	281.3	3.40	4.51	3.16	YES	NO
L0001124	0	0.50968E-03	468646.7	3764353.7	281.3	3.40	4.51	3.16	YES	NO
L0001125	0	0.50968E-03	468652.6	3764361.4	281.4	3.40	4.51	3.16	YES	NO
L0001126	0	0.50968E-03	468658.5	3764369.1	281.5	3.40	4.51	3.16	YES	NO
L0001127	0	0.50968E-03	468664.4	3764376.8	281.5	3.40	4.51	3.16	YES	NO
L0001128	0	0.50968E-03	468670.3	3764384.6	281.6	3.40	4.51	3.16	YES	NO
L0001129	0	0.50968E-03	468676.2	3764392.3	281.5	3.40	4.51	3.16	YES	NO
L0001130	0	0.50968E-03	468682.1	3764400.0	281.6	3.40	4.51	3.16	YES	NO
L0001131	0	0.50968E-03	468688.0	3764407.7	281.6	3.40	4.51	3.16	YES	NO
L0001132	0	0.50968E-03	468693.9	3764415.4	281.6	3.40	4.51	3.16	YES	NO
L0001133	0	0.50968E-03	468699.8	3764423.1	281.6	3.40	4.51	3.16	YES	NO
L0001134	0	0.50968E-03	468705.7	3764430.8	281.5	3.40	4.51	3.16	YES	NO
L0001135	0	0.50968E-03	468711.6	3764438.5	281.5	3.40	4.51	3.16	YES	NO
L0001136	0	0.50968E-03	468717.5	3764446.2	281.4	3.40	4.51	3.16	YES	NO
L0001137	0	0.50968E-03	468723.4	3764453.9	281.4	3.40	4.51	3.16	YES	NO
L0001138	0	0.50968E-03	468729.3	3764461.6	281.3	3.40	4.51	3.16	YES	NO
L0001139	0	0.50968E-03	468735.2	3764469.3	281.3	3.40	4.51			

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3.16     YES                    NO
 L0001140         0   0.50968E-03  468741.1 3764477.0   281.2     3.40     4.51
3.16     YES                    NO
 L0001141         0   0.50968E-03  468747.0 3764484.6   281.1     3.40     4.51
3.16     YES                    NO
 L0001142         0   0.50968E-03  468753.2 3764492.1   281.1     3.40     4.51
3.16     YES                    NO
 L0001143         0   0.50968E-03  468759.4 3764499.5   281.0     3.40     4.51
3.16     YES                    NO
 L0001144         0   0.50968E-03  468765.6 3764507.0   280.9     3.40     4.51
3.16     YES                    NO
 L0001145         0   0.50968E-03  468771.8 3764514.4   280.8     3.40     4.51
3.16     YES                    NO
 L0001146         0   0.50968E-03  468778.1 3764521.9   280.8     3.40     4.51
3.16     YES                    NO
 L0001147         0   0.50968E-03  468784.3 3764529.4   280.7     3.40     4.51
3.16     YES                    NO
 L0001148         0   0.50968E-03  468790.5 3764536.8   280.6     3.40     4.51
3.16     YES                    NO
 L0001149         0   0.50968E-03  468796.7 3764544.3   280.5     3.40     4.51
3.16     YES                    NO
 L0001150         0   0.50968E-03  468802.9 3764551.7   280.5     3.40     4.51
3.16     YES                    NO
 L0001151         0   0.50968E-03  468809.1 3764559.2   280.4     3.40     4.51
3.16     YES                    NO
 L0001152         0   0.50968E-03  468815.3 3764566.6   280.3     3.40     4.51
3.16     YES                    NO
 L0001153         0   0.50968E-03  468821.5 3764574.1   280.2     3.40     4.51
3.16     YES                    NO
 L0001154         0   0.50968E-03  468827.5 3764581.7   280.2     3.40     4.51
3.16     YES                    NO
 L0001155         0   0.50968E-03  468833.4 3764589.4   280.2     3.40     4.51
3.16     YES                    NO
 L0001156         0   0.50968E-03  468839.2 3764597.2   280.0     3.40     4.51
3.16     YES                    NO
 L0001157         0   0.50968E-03  468845.1 3764604.9   279.9     3.40     4.51
3.16     YES                    NO
 L0001158         0   0.50968E-03  468851.0 3764612.6   279.9     3.40     4.51
3.16     YES                    NO
 L0001159         0   0.50968E-03  468856.8 3764620.3   279.9     3.40     4.51
3.16     YES                    NO
 L0001160         0   0.50968E-03  468862.7 3764628.1   279.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0001161	0	0.50968E-03	468868.5	3764635.8	279.6	3.40	4.51	3.16	YES	NO
L0001162	0	0.50968E-03	468874.4	3764643.5	279.6	3.40	4.51	3.16	YES	NO
L0001163	0	0.50968E-03	468880.2	3764651.3	279.6	3.40	4.51	3.16	YES	NO
L0001164	0	0.50968E-03	468886.1	3764659.0	279.5	3.40	4.51	3.16	YES	NO
L0001165	0	0.50968E-03	468892.0	3764666.7	279.3	3.40	4.51	3.16	YES	NO
L0001166	0	0.50968E-03	468897.8	3764674.5	279.2	3.40	4.51	3.16	YES	NO
L0001167	0	0.50968E-03	468903.7	3764682.2	279.3	3.40	4.51	3.16	YES	NO
L0001168	0	0.50968E-03	468909.5	3764689.9	279.2	3.40	4.51	3.16	YES	NO
L0001169	0	0.50968E-03	468915.4	3764697.7	279.1	3.40	4.51	3.16	YES	NO
L0001170	0	0.50968E-03	468921.3	3764705.4	279.0	3.40	4.51	3.16	YES	NO
L0001171	0	0.50968E-03	468927.1	3764713.1	279.1	3.40	4.51	3.16	YES	NO
L0001172	0	0.50968E-03	468933.0	3764720.8	279.1	3.40	4.51	3.16	YES	NO
L0001173	0	0.50968E-03	468938.8	3764728.6	278.9	3.40	4.51	3.16	YES	NO
L0001174	0	0.50968E-03	468944.7	3764736.3	278.8	3.40	4.51	3.16	YES	NO
L0001175	0	0.50968E-03	468950.6	3764744.0	278.8	3.40	4.51	3.16	YES	NO
L0001176	0	0.50968E-03	468956.4	3764751.8	278.8	3.40	4.51	3.16	YES	NO
L0001177	0	0.50968E-03	468962.3	3764759.5	278.7	3.40	4.51	3.16	YES	NO
L0001178	0	0.50968E-03	468968.1	3764767.2	278.6	3.40	4.51	3.16	YES	NO
L0001179	0	0.50968E-03	468974.0	3764775.0	278.6	3.40	4.51			

3.16   YES   NO
 L0001180   0   0.50968E-03 468979.8 3764782.7   278.5   3.40   4.51
3.16   YES   NO
 L0001181   0   0.50968E-03 468985.7 3764790.4   278.5   3.40   4.51
3.16   YES   NO
 L0001182   0   0.50968E-03 468991.6 3764798.2   278.4   3.40   4.51
3.16   YES   NO
 L0001183   0   0.50968E-03 468997.4 3764805.9   278.4   3.40   4.51
3.16   YES   NO
 L0001184   0   0.50968E-03 469003.3 3764813.6   278.4   3.40   4.51
3.16   YES   NO
 L0001185   0   0.50968E-03 469009.1 3764821.3   278.4   3.40   4.51
3.16   YES   NO
 L0001186   0   0.50968E-03 469015.0 3764829.1   278.5   3.40   4.51
3.16   YES   NO
 L0001187   0   0.50968E-03 469020.9 3764836.8   278.4   3.40   4.51
3.16   YES   NO
 L0001188   0   0.50968E-03 469026.7 3764844.5   278.4   3.40   4.51
3.16   YES   NO
 L0001189   0   0.50968E-03 469032.6 3764852.3   278.4   3.40   4.51
3.16   YES   NO
 L0001190   0   0.50968E-03 469038.4 3764860.0   278.4   3.40   4.51
3.16   YES   NO
 L0001191   0   0.50968E-03 469044.3 3764867.7   278.4   3.40   4.51
3.16   YES   NO
 L0001192   0   0.50968E-03 469050.2 3764875.5   278.5   3.40   4.51
3.16   YES   NO
 L0001193   0   0.50968E-03 469056.0 3764883.2   278.6   3.40   4.51
3.16   YES   NO
 L0001194   0   0.50968E-03 469061.9 3764890.9   278.6   3.40   4.51
3.16   YES   NO
 L0001195   0   0.50968E-03 469067.7 3764898.7   278.6   3.40   4.51
3.16   YES   NO
 L0001196   0   0.50968E-03 469073.6 3764906.4   278.6   3.40   4.51
3.16   YES   NO
 L0001197   0   0.50968E-03 469079.4 3764914.1   278.7   3.40   4.51
3.16   YES   NO
 L0001198   0   0.50968E-03 469085.3 3764921.8   278.8   3.40   4.51
3.16   YES   NO
 L0001199   0   0.50968E-03 469091.2 3764929.6   278.8   3.40   4.51
3.16   YES   NO
 L0001200   0   0.50968E-03 469097.0 3764937.3   278.8   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001201	0	0.50968E-03	469102.9	3764945.0	278.8	3.40	4.51	3.16	YES	NO	
L0001202	0	0.50968E-03	469108.7	3764952.8	278.9	3.40	4.51	3.16	YES	NO	
L0001203	0	0.50968E-03	469114.6	3764960.5	279.0	3.40	4.51	3.16	YES	NO	
L0001204	0	0.50968E-03	469120.5	3764968.2	278.9	3.40	4.51	3.16	YES	NO	
L0001205	0	0.50968E-03	469126.3	3764976.0	278.9	3.40	4.51	3.16	YES	NO	
L0001206	0	0.50968E-03	469132.2	3764983.7	279.0	3.40	4.51	3.16	YES	NO	
L0001207	0	0.50968E-03	469138.0	3764991.4	279.2	3.40	4.51	3.16	YES	NO	
L0001208	0	0.50968E-03	469143.9	3764999.2	279.2	3.40	4.51	3.16	YES	NO	
L0001209	0	0.50968E-03	469149.8	3765006.9	279.2	3.40	4.51	3.16	YES	NO	
L0001210	0	0.50968E-03	469155.6	3765014.6	279.2	3.40	4.51	3.16	YES	NO	
L0001211	0	0.50968E-03	469161.5	3765022.3	279.3	3.40	4.51	3.16	YES	NO	
L0001212	0	0.50968E-03	469167.6	3765029.9	279.4	3.40	4.51	3.16	YES	NO	
L0001213	0	0.50968E-03	469173.9	3765037.2	279.5	3.40	4.51	3.16	YES	NO	
L0001214	0	0.50968E-03	469180.2	3765044.6	279.5	3.40	4.51	3.16	YES	NO	
L0001215	0	0.50968E-03	469186.6	3765051.9	279.6	3.40	4.51	3.16	YES	NO	
L0001216	0	0.50968E-03	469192.9	3765059.2	279.8	3.40	4.51	3.16	YES	NO	
L0001217	0	0.50968E-03	469199.3	3765066.6	280.0	3.40	4.51	3.16	YES	NO	
L0001218	0	0.50968E-03	469205.6	3765073.9	280.0	3.40	4.51	3.16	YES	NO	
L0001219	0	0.50968E-03	469212.0	3765081.2	279.9	3.40	4.51				

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3.16     YES                    NO
 L0001220         0   0.50968E-03  469218.3 3765088.6   280.0     3.40     4.51
3.16     YES                    NO
 L0001221         0   0.50968E-03  469224.7 3765095.9   280.3     3.40     4.51
3.16     YES                    NO
 L0001222         0   0.50968E-03  469231.0 3765103.2   280.4     3.40     4.51
3.16     YES                    NO
 L0001223         0   0.50968E-03  469237.4 3765110.6   280.1     3.40     4.51
3.16     YES                    NO
 L0001224         0   0.50968E-03  469243.7 3765117.9   279.9     3.40     4.51
3.16     YES                    NO
 L0001225         0   0.50968E-03  469250.1 3765125.2   280.0     3.40     4.51
3.16     YES                    NO
 L0001226         0   0.50968E-03  469256.4 3765132.6   280.1     3.40     4.51
3.16     YES                    NO
 L0001227         0   0.50968E-03  469262.8 3765139.9   280.0     3.40     4.51
3.16     YES                    NO
 L0001228         0   0.50968E-03  469269.1 3765147.3   280.1     3.40     4.51
3.16     YES                    NO
 L0001229         0   0.50968E-03  469275.5 3765154.6   280.4     3.40     4.51
3.16     YES                    NO
 L0001230         0   0.50968E-03  469281.8 3765161.9   280.6     3.40     4.51
3.16     YES                    NO
 L0001231         0   0.50968E-03  469288.2 3765169.3   280.5     3.40     4.51
3.16     YES                    NO
 L0001232         0   0.50968E-03  469294.5 3765176.6   280.4     3.40     4.51
3.16     YES                    NO
 L0001233         0   0.50968E-03  469300.8 3765183.9   280.8     3.40     4.51
3.16     YES                    NO
 L0001234         0   0.50968E-03  469307.2 3765191.3   280.9     3.40     4.51
3.16     YES                    NO
 L0001235         0   0.50968E-03  469313.5 3765198.6   280.8     3.40     4.51
3.16     YES                    NO
 L0001236         0   0.50968E-03  469319.9 3765205.9   280.8     3.40     4.51
3.16     YES                    NO
 L0001237         0   0.50968E-03  469326.2 3765213.3   281.0     3.40     4.51
3.16     YES                    NO
 L0001238         0   0.50968E-03  469332.6 3765220.6   281.2     3.40     4.51
3.16     YES                    NO
 L0001239         0   0.50968E-03  469338.9 3765227.9   281.1     3.40     4.51
3.16     YES                    NO
 L0001240         0   0.50968E-03  469345.3 3765235.3   281.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE VARY	AIRCRAFT
L0001241	0	0.50968E-03	469351.6	3765242.6	281.3	3.40	4.51	3.16	YES	NO	
L0001242	0	0.50968E-03	469358.0	3765249.9	281.6	3.40	4.51	3.16	YES	NO	
L0001243	0	0.50968E-03	469364.3	3765257.3	281.5	3.40	4.51	3.16	YES	NO	
L0001244	0	0.50968E-03	469370.7	3765264.6	281.3	3.40	4.51	3.16	YES	NO	
L0001245	0	0.50968E-03	469377.0	3765271.9	281.4	3.40	4.51	3.16	YES	NO	
L0001246	0	0.50968E-03	469383.4	3765279.3	281.7	3.40	4.51	3.16	YES	NO	
L0001247	0	0.50968E-03	469389.7	3765286.6	281.7	3.40	4.51	3.16	YES	NO	
L0001248	0	0.50968E-03	469396.1	3765294.0	281.5	3.40	4.51	3.16	YES	NO	
L0001249	0	0.50968E-03	469402.4	3765301.3	281.5	3.40	4.51	3.16	YES	NO	
L0001250	0	0.50968E-03	469408.7	3765308.6	281.9	3.40	4.51	3.16	YES	NO	
L0001251	0	0.50968E-03	469415.1	3765316.0	282.1	3.40	4.51	3.16	YES	NO	
L0001252	0	0.50968E-03	469421.4	3765323.3	282.1	3.40	4.51	3.16	YES	NO	
L0001253	0	0.50968E-03	469427.8	3765330.6	282.2	3.40	4.51	3.16	YES	NO	
L0001254	0	0.50968E-03	469434.1	3765338.0	282.7	3.40	4.51	3.16	YES	NO	
L0001255	0	0.50968E-03	469440.5	3765345.3	283.0	3.40	4.51	3.16	YES	NO	
L0001256	0	0.50968E-03	469446.8	3765352.6	283.1	3.40	4.51	3.16	YES	NO	
L0001257	0	0.50968E-03	469453.2	3765360.0	283.4	3.40	4.51	3.16	YES	NO	
L0001258	0	0.50968E-03	469459.5	3765367.3	283.9	3.40	4.51	3.16	YES	NO	
L0001259	0	0.50968E-03	469466.0	3765374.5	284.3	3.40	4.51				

3.16   YES   NO
 L0001260   0   0.50968E-03 469473.0 3765381.3   284.5   3.40   4.51
3.16   YES   NO
 L0001261   0   0.50968E-03 469479.9 3765388.0   284.8   3.40   4.51
3.16   YES   NO
 L0001262   0   0.50968E-03 469486.9 3765394.8   285.1   3.40   4.51
3.16   YES   NO
 L0001263   0   0.50968E-03 469493.9 3765401.5   285.5   3.40   4.51
3.16   YES   NO
 L0001264   0   0.50968E-03 469500.8 3765408.3   285.9   3.40   4.51
3.16   YES   NO
 L0001265   0   0.50968E-03 469507.8 3765415.0   286.2   3.40   4.51
3.16   YES   NO
 L0001266   0   0.50968E-03 469514.6 3765421.9   286.4   3.40   4.51
3.16   YES   NO
 L0001267   0   0.50968E-03 469521.2 3765429.0   286.6   3.40   4.51
3.16   YES   NO
 L0001268   0   0.50968E-03 469527.8 3765436.1   287.1   3.40   4.51
3.16   YES   NO
 L0001269   0   0.50968E-03 469534.5 3765443.2   287.5   3.40   4.51
3.16   YES   NO
 L0001270   0   0.50968E-03 469541.1 3765450.3   287.7   3.40   4.51
3.16   YES   NO
 L0001271   0   0.50968E-03 469547.7 3765457.4   287.8   3.40   4.51
3.16   YES   NO
 L0001272   0   0.50968E-03 469554.3 3765464.5   288.2   3.40   4.51
3.16   YES   NO
 L0001273   0   0.50968E-03 469560.9 3765471.6   288.5   3.40   4.51
3.16   YES   NO
 L0001274   0   0.50968E-03 469567.5 3765478.7   288.8   3.40   4.51
3.16   YES   NO
 L0001275   0   0.50968E-03 469574.1 3765485.8   289.1   3.40   4.51
3.16   YES   NO
 L0001276   0   0.50968E-03 469580.8 3765492.9   289.4   3.40   4.51
3.16   YES   NO
 L0001277   0   0.50968E-03 469587.4 3765500.0   289.7   3.40   4.51
3.16   YES   NO
 L0001278   0   0.50968E-03 469594.0 3765507.1   290.0   3.40   4.51
3.16   YES   NO
 L0001279   0   0.50968E-03 469600.6 3765514.2   290.3   3.40   4.51
3.16   YES   NO
 L0001280   0   0.50968E-03 469607.2 3765521.3   290.4   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001281	0	0.50968E-03	469613.8	3765528.4	290.6	3.40	4.51	3.16	YES	NO	
L0001282	0	0.50968E-03	469620.4	3765535.5	290.9	3.40	4.51	3.16	YES	NO	
L0001283	0	0.50968E-03	469627.0	3765542.5	291.2	3.40	4.51	3.16	YES	NO	
L0001284	0	0.50968E-03	469633.7	3765549.6	291.3	3.40	4.51	3.16	YES	NO	
L0001285	0	0.50968E-03	469640.3	3765556.7	291.4	3.40	4.51	3.16	YES	NO	
L0001286	0	0.50968E-03	469646.9	3765563.8	291.6	3.40	4.51	3.16	YES	NO	
L0001287	0	0.50968E-03	469653.5	3765570.9	291.9	3.40	4.51	3.16	YES	NO	
L0001288	0	0.50968E-03	469660.1	3765578.0	292.2	3.40	4.51	3.16	YES	NO	
L0001289	0	0.50968E-03	469666.7	3765585.1	292.3	3.40	4.51	3.16	YES	NO	
L0001290	0	0.50968E-03	469673.3	3765592.2	292.4	3.40	4.51	3.16	YES	NO	
L0001291	0	0.50968E-03	469679.9	3765599.3	292.6	3.40	4.51	3.16	YES	NO	
L0001292	0	0.50968E-03	469686.6	3765606.4	292.8	3.40	4.51	3.16	YES	NO	
L0001293	0	0.50968E-03	469693.2	3765613.5	292.9	3.40	4.51	3.16	YES	NO	
L0001294	0	0.50968E-03	469699.8	3765620.6	293.0	3.40	4.51	3.16	YES	NO	
L0001295	0	0.50968E-03	469706.4	3765627.7	293.1	3.40	4.51	3.16	YES	NO	
L0001296	0	0.50968E-03	469713.0	3765634.8	293.2	3.40	4.51	3.16	YES	NO	
L0001297	0	0.50968E-03	469719.6	3765641.9	293.3	3.40	4.51	3.16	YES	NO	
L0001298	0	0.50968E-03	469726.2	3765649.0	293.4	3.40	4.51	3.16	YES	NO	
L0001299	0	0.50968E-03	469732.8	3765656.1	293.4	3.40	4.51				

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3.16     YES                    NO
 L0001300         0   0.50968E-03  469739.5 3765663.2   293.5     3.40     4.51
3.16     YES                    NO
 L0001301         0   0.50968E-03  469746.1 3765670.3   293.5     3.40     4.51
3.16     YES                    NO
 L0001302         0   0.50968E-03  469752.7 3765677.4   293.5     3.40     4.51
3.16     YES                    NO
 L0001303         0   0.50968E-03  469759.3 3765684.5   293.6     3.40     4.51
3.16     YES                    NO
 L0001304         0   0.50968E-03  469765.9 3765691.6   293.6     3.40     4.51
3.16     YES                    NO
 L0001305         0   0.50968E-03  469772.5 3765698.7   293.6     3.40     4.51
3.16     YES                    NO
 L0001306         0   0.50968E-03  469779.1 3765705.8   293.7     3.40     4.51
3.16     YES                    NO
 L0001307         0   0.50968E-03  469785.7 3765712.9   293.7     3.40     4.51
3.16     YES                    NO
 L0001308         0   0.50968E-03  469792.4 3765720.0   293.7     3.40     4.51
3.16     YES                    NO
 L0001309         0   0.50968E-03  469799.0 3765727.1   293.7     3.40     4.51
3.16     YES                    NO
 L0001310         0   0.50968E-03  469805.6 3765734.2   293.7     3.40     4.51
3.16     YES                    NO
 L0001311         0   0.50968E-03  469812.2 3765741.3   293.8     3.40     4.51
3.16     YES                    NO
 L0001312         0   0.50968E-03  469818.8 3765748.4   293.8     3.40     4.51
3.16     YES                    NO
 L0001313         0   0.50968E-03  469825.4 3765755.5   293.8     3.40     4.51
3.16     YES                    NO
 L0001314         0   0.50968E-03  469832.0 3765762.5   293.8     3.40     4.51
3.16     YES                    NO
 L0001315         0   0.50968E-03  469838.6 3765769.6   293.9     3.40     4.51
3.16     YES                    NO
 L0001316         0   0.50968E-03  469845.3 3765776.7   293.9     3.40     4.51
3.16     YES                    NO
 L0001317         0   0.50968E-03  469851.9 3765783.8   293.9     3.40     4.51
3.16     YES                    NO
 L0001318         0   0.50968E-03  469858.5 3765790.9   293.9     3.40     4.51
3.16     YES                    NO
 L0001319         0   0.50968E-03  469865.1 3765798.0   293.9     3.40     4.51
3.16     YES                    NO
 L0001320         0   0.50968E-03  469871.7 3765805.1   293.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

                                  PAGE  35
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0001321	0	0.50968E-03	469878.3	3765812.2	293.9	3.40	4.51	3.16	YES	NO
L0001322	0	0.50968E-03	469884.9	3765819.3	294.0	3.40	4.51	3.16	YES	NO
L0001323	0	0.50968E-03	469891.5	3765826.4	294.0	3.40	4.51	3.16	YES	NO
L0001324	0	0.50968E-03	469898.2	3765833.5	294.0	3.40	4.51	3.16	YES	NO
L0001325	0	0.50968E-03	469904.8	3765840.6	294.1	3.40	4.51	3.16	YES	NO
L0001326	0	0.50968E-03	469911.4	3765847.7	294.1	3.40	4.51	3.16	YES	NO
L0001327	0	0.50968E-03	469918.0	3765854.8	294.2	3.40	4.51	3.16	YES	NO
L0001328	0	0.50968E-03	469924.6	3765861.9	294.2	3.40	4.51	3.16	YES	NO
L0001329	0	0.50968E-03	469931.2	3765869.0	294.2	3.40	4.51	3.16	YES	NO
L0001330	0	0.50968E-03	469937.8	3765876.1	294.3	3.40	4.51	3.16	YES	NO
L0001331	0	0.50968E-03	469944.4	3765883.2	294.4	3.40	4.51	3.16	YES	NO
L0001332	0	0.50968E-03	469951.1	3765890.3	294.6	3.40	4.51	3.16	YES	NO
L0001333	0	0.50968E-03	469957.7	3765897.4	294.6	3.40	4.51	3.16	YES	NO
L0001334	0	0.50968E-03	469964.3	3765904.5	294.7	3.40	4.51	3.16	YES	NO
L0001335	0	0.50968E-03	469970.9	3765911.6	294.8	3.40	4.51	3.16	YES	NO
L0001336	0	0.50968E-03	469977.5	3765918.7	294.9	3.40	4.51	3.16	YES	NO
L0001337	0	0.50968E-03	469984.1	3765925.8	295.0	3.40	4.51	3.16	YES	NO
L0001338	0	0.50968E-03	469990.7	3765932.9	295.2	3.40	4.51	3.16	YES	NO
L0001339	0	0.50968E-03	469997.3	3765940.0	295.1	3.40	4.51			

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3.16     YES                    NO
 L0001340         0   0.50968E-03  470004.0 3765947.1   294.9     3.40     4.51
3.16     YES                    NO
 L0001341         0   0.50968E-03  470010.6 3765954.2   294.8     3.40     4.51
3.16     YES                    NO
 L0001342         0   0.50968E-03  470017.2 3765961.3   295.1     3.40     4.51
3.16     YES                    NO
 L0001343         0   0.50968E-03  470023.8 3765968.4   295.3     3.40     4.51
3.16     YES                    NO
 L0001344         0   0.50968E-03  470030.4 3765975.5   295.3     3.40     4.51
3.16     YES                    NO
 L0001345         0   0.50968E-03  470037.0 3765982.5   295.5     3.40     4.51
3.16     YES                    NO
 L0001346         0   0.50968E-03  470043.6 3765989.6   296.1     3.40     4.51
3.16     YES                    NO
 L0001347         0   0.50968E-03  470050.2 3765996.7   296.3     3.40     4.51
3.16     YES                    NO
 L0001348         0   0.50968E-03  470056.9 3766003.8   296.3     3.40     4.51
3.16     YES                    NO
 L0001349         0   0.50968E-03  470063.5 3766010.9   296.5     3.40     4.51
3.16     YES                    NO
 L0001350         0   0.50968E-03  470070.1 3766018.0   297.2     3.40     4.51
3.16     YES                    NO
 L0001351         0   0.50968E-03  470076.7 3766025.1   297.6     3.40     4.51
3.16     YES                    NO
 L0001352         0   0.50968E-03  470083.3 3766032.2   297.7     3.40     4.51
3.16     YES                    NO
 L0001353         0   0.50968E-03  470089.9 3766039.3   297.6     3.40     4.51
3.16     YES                    NO
 L0001354         0   0.50968E-03  470096.5 3766046.4   298.4     3.40     4.51
3.16     YES                    NO
 L0001355         0   0.50968E-03  470103.1 3766053.5   298.9     3.40     4.51
3.16     YES                    NO
 L0001356         0   0.50968E-03  470109.8 3766060.6   299.0     3.40     4.51
3.16     YES                    NO
 L0001357         0   0.50968E-03  470116.4 3766067.7   298.9     3.40     4.51
3.16     YES                    NO
 L0001358         0   0.50968E-03  470123.0 3766074.8   299.5     3.40     4.51
3.16     YES                    NO
 L0001359         0   0.50968E-03  470129.6 3766081.9   299.9     3.40     4.51
3.16     YES                    NO
 L0001360         0   0.50968E-03  470136.2 3766089.0   300.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001361	0	0.50968E-03	470142.8	3766096.1	300.2	3.40	4.51	3.16	YES	NO	
L0001362	0	0.50968E-03	470149.4	3766103.2	300.6	3.40	4.51	3.16	YES	NO	
L0001363	0	0.50968E-03	470156.0	3766110.3	301.0	3.40	4.51	3.16	YES	NO	
L0001364	0	0.50968E-03	470162.7	3766117.4	301.2	3.40	4.51	3.16	YES	NO	
L0001365	0	0.50968E-03	470169.3	3766124.5	301.4	3.40	4.51	3.16	YES	NO	
L0001366	0	0.50968E-03	470175.9	3766131.6	301.8	3.40	4.51	3.16	YES	NO	
L0001367	0	0.50968E-03	470182.5	3766138.7	302.1	3.40	4.51	3.16	YES	NO	
L0001368	0	0.50968E-03	470189.1	3766145.8	302.4	3.40	4.51	3.16	YES	NO	
L0001369	0	0.50968E-03	470195.7	3766152.9	302.7	3.40	4.51	3.16	YES	NO	
L0001370	0	0.50968E-03	470202.3	3766160.0	303.0	3.40	4.51	3.16	YES	NO	
L0001371	0	0.50968E-03	470208.9	3766167.1	303.3	3.40	4.51	3.16	YES	NO	
L0001372	0	0.50968E-03	470215.6	3766174.2	303.6	3.40	4.51	3.16	YES	NO	
L0001373	0	0.50968E-03	470222.2	3766181.3	303.9	3.40	4.51	3.16	YES	NO	
L0001374	0	0.50968E-03	470228.8	3766188.4	304.2	3.40	4.51	3.16	YES	NO	
L0001375	0	0.50968E-03	470235.4	3766195.4	304.5	3.40	4.51	3.16	YES	NO	
L0001376	0	0.50968E-03	470242.0	3766202.5	304.7	3.40	4.51	3.16	YES	NO	
L0001377	0	0.50968E-03	470248.6	3766209.6	305.0	3.40	4.51	3.16	YES	NO	
L0001378	0	0.50968E-03	470255.2	3766216.7	305.2	3.40	4.51	3.16	YES	NO	
L0001379	0	0.50968E-03	470261.8	3766223.8	305.4	3.40	4.51				

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3.16     YES                    NO
 L0001380         0   0.50968E-03  470268.5 3766230.9   305.6     3.40     4.51
3.16     YES                    NO
 L0001381         0   0.50968E-03  470275.1 3766238.0   305.9     3.40     4.51
3.16     YES                    NO
 L0001382         0   0.50968E-03  470281.7 3766245.1   306.0     3.40     4.51
3.16     YES                    NO
 L0001383         0   0.50968E-03  470288.3 3766252.2   306.2     3.40     4.51
3.16     YES                    NO
 L0001384         0   0.50968E-03  470294.9 3766259.3   306.2     3.40     4.51
3.16     YES                    NO
 L0001385         0   0.50968E-03  470301.5 3766266.4   306.2     3.40     4.51
3.16     YES                    NO
 L0001386         0   0.50968E-03  470308.2 3766273.5   306.3     3.40     4.51
3.16     YES                    NO
 L0001387         0   0.50968E-03  470314.9 3766280.4   306.6     3.40     4.51
3.16     YES                    NO
 L0001388         0   0.50968E-03  470321.6 3766287.4   306.7     3.40     4.51
3.16     YES                    NO
 L0001389         0   0.50968E-03  470328.4 3766294.4   306.7     3.40     4.51
3.16     YES                    NO
 L0001390         0   0.50968E-03  470335.1 3766301.4   306.8     3.40     4.51
3.16     YES                    NO
 L0001391         0   0.50968E-03  470341.8 3766308.4   307.0     3.40     4.51
3.16     YES                    NO
 L0001392         0   0.50968E-03  470348.5 3766315.4   307.2     3.40     4.51
3.16     YES                    NO
 L0001393         0   0.50968E-03  470355.2 3766322.4   307.2     3.40     4.51
3.16     YES                    NO
 L0001394         0   0.50968E-03  470362.0 3766329.4   307.2     3.40     4.51
3.16     YES                    NO
 L0001395         0   0.50968E-03  470368.7 3766336.4   307.3     3.40     4.51
3.16     YES                    NO
 L0001396         0   0.50968E-03  470375.4 3766343.4   307.4     3.40     4.51
3.16     YES                    NO
 L0001397         0   0.50968E-03  470382.1 3766350.4   307.5     3.40     4.51
3.16     YES                    NO
 L0001398         0   0.50968E-03  470388.8 3766357.4   307.5     3.40     4.51
3.16     YES                    NO
 L0001399         0   0.50968E-03  470395.6 3766364.4   307.5     3.40     4.51
3.16     YES                    NO
 L0001400         0   0.50968E-03  470402.3 3766371.4   307.6     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001401	0	0.50968E-03	470409.0	3766378.4	307.7	3.40	4.51	3.16	YES	NO	
L0001402	0	0.50968E-03	470415.7	3766385.4	307.7	3.40	4.51	3.16	YES	NO	
L0001403	0	0.50968E-03	470422.4	3766392.4	307.7	3.40	4.51	3.16	YES	NO	
L0001404	0	0.50968E-03	470429.1	3766399.4	307.8	3.40	4.51	3.16	YES	NO	
L0001405	0	0.50968E-03	470435.9	3766406.4	307.8	3.40	4.51	3.16	YES	NO	
L0001406	0	0.50968E-03	470442.6	3766413.4	307.9	3.40	4.51	3.16	YES	NO	
L0001407	0	0.50968E-03	470449.3	3766420.4	307.9	3.40	4.51	3.16	YES	NO	
L0001408	0	0.50968E-03	470456.0	3766427.4	308.0	3.40	4.51	3.16	YES	NO	
L0001409	0	0.50968E-03	470462.7	3766434.4	308.0	3.40	4.51	3.16	YES	NO	
L0001410	0	0.50968E-03	470469.5	3766441.3	308.0	3.40	4.51	3.16	YES	NO	
L0001411	0	0.50968E-03	470476.2	3766448.3	308.1	3.40	4.51	3.16	YES	NO	
L0001412	0	0.50968E-03	470482.9	3766455.3	308.2	3.40	4.51	3.16	YES	NO	
L0001413	0	0.50968E-03	470489.6	3766462.3	308.2	3.40	4.51	3.16	YES	NO	
L0001414	0	0.50968E-03	470496.3	3766469.3	308.1	3.40	4.51	3.16	YES	NO	
L0001415	0	0.50968E-03	470503.1	3766476.3	308.3	3.40	4.51	3.16	YES	NO	
L0001416	0	0.50968E-03	470509.8	3766483.3	308.4	3.40	4.51	3.16	YES	NO	
L0001417	0	0.50968E-03	470516.5	3766490.3	308.3	3.40	4.51	3.16	YES	NO	
L0001418	0	0.50968E-03	470523.3	3766497.3	307.9	3.40	4.51	3.16	YES	NO	
L0001419	0	0.50968E-03	470530.0	3766504.2	308.1	3.40	4.51				

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3.16     YES                    NO
 L0001420         0   0.50968E-03  470536.7 3766511.2   308.3     3.40     4.51
3.16     YES                    NO
 L0001421         0   0.50968E-03  470543.5 3766518.2   308.2     3.40     4.51
3.16     YES                    NO
 L0001422         0   0.50968E-03  470550.2 3766525.2   307.7     3.40     4.51
3.16     YES                    NO
 L0001423         0   0.50968E-03  470557.0 3766532.1   307.8     3.40     4.51
3.16     YES                    NO
 L0001424         0   0.50968E-03  470563.7 3766539.1   308.1     3.40     4.51
3.16     YES                    NO
 L0001425         0   0.50968E-03  470570.5 3766546.1   308.0     3.40     4.51
3.16     YES                    NO
 L0001426         0   0.50968E-03  470577.2 3766553.1   307.4     3.40     4.51
3.16     YES                    NO
 L0001427         0   0.50968E-03  470583.9 3766560.0   307.2     3.40     4.51
3.16     YES                    NO
 L0001428         0   0.50968E-03  470590.7 3766567.0   307.7     3.40     4.51
3.16     YES                    NO
 L0001429         0   0.50968E-03  470597.4 3766574.0   307.6     3.40     4.51
3.16     YES                    NO
 L0001430         0   0.50968E-03  470604.2 3766581.0   307.1     3.40     4.51
3.16     YES                    NO
 L0001431         0   0.50968E-03  470610.9 3766587.9   307.0     3.40     4.51
3.16     YES                    NO
 L0001432         0   0.50968E-03  470617.6 3766594.9   307.1     3.40     4.51
3.16     YES                    NO
 L0001433         0   0.50968E-03  470624.4 3766601.9   307.1     3.40     4.51
3.16     YES                    NO
 L0001434         0   0.50968E-03  470631.1 3766608.9   306.8     3.40     4.51
3.16     YES                    NO
 L0001435         0   0.50968E-03  470637.9 3766615.8   306.8     3.40     4.51
3.16     YES                    NO
 L0001436         0   0.50968E-03  470644.6 3766622.8   306.5     3.40     4.51
3.16     YES                    NO
 L0001437         0   0.50968E-03  470651.3 3766629.8   306.5     3.40     4.51
3.16     YES                    NO
 L0001438         0   0.50968E-03  470658.1 3766636.8   306.6     3.40     4.51
3.16     YES                    NO
 L0001439         0   0.50968E-03  470664.8 3766643.7   306.6     3.40     4.51
3.16     YES                    NO
 L0001440         0   0.50968E-03  470671.6 3766650.7   306.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY CATS. BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT
L0001441	0	0.50968E-03	470678.3	3766657.7	305.9	3.40	4.51	3.16	YES	NO
L0001442	0	0.50968E-03	470685.1	3766664.7	306.2	3.40	4.51	3.16	YES	NO
L0001443	0	0.50968E-03	470691.8	3766671.6	306.3	3.40	4.51	3.16	YES	NO
L0001444	0	0.50968E-03	470698.5	3766678.6	305.8	3.40	4.51	3.16	YES	NO
L0001445	0	0.50968E-03	470705.3	3766685.6	305.2	3.40	4.51	3.16	YES	NO
L0001446	0	0.50968E-03	470712.0	3766692.6	305.8	3.40	4.51	3.16	YES	NO
L0001447	0	0.50968E-03	470718.8	3766699.5	306.0	3.40	4.51	3.16	YES	NO
L0001448	0	0.50968E-03	470725.5	3766706.5	305.5	3.40	4.51	3.16	YES	NO
L0001449	0	0.50968E-03	470732.2	3766713.5	304.4	3.40	4.51	3.16	YES	NO
L0001450	0	0.50968E-03	470739.0	3766720.5	305.3	3.40	4.51	3.16	YES	NO
L0001451	0	0.50968E-03	470745.7	3766727.4	305.6	3.40	4.51	3.16	YES	NO
L0001452	0	0.50968E-03	470752.5	3766734.4	305.1	3.40	4.51	3.16	YES	NO
L0001453	0	0.50968E-03	470759.2	3766741.4	304.3	3.40	4.51	3.16	YES	NO
L0001454	0	0.50968E-03	470765.9	3766748.4	304.7	3.40	4.51	3.16	YES	NO
L0001455	0	0.50968E-03	470772.7	3766755.3	305.1	3.40	4.51	3.16	YES	NO
L0001456	0	0.50968E-03	470779.4	3766762.3	304.7	3.40	4.51	3.16	YES	NO
L0001457	0	0.50968E-03	470786.2	3766769.3	304.1	3.40	4.51	3.16	YES	NO
L0001458	0	0.50968E-03	470792.9	3766776.3	303.9	3.40	4.51	3.16	YES	NO
L0001459	0	0.50968E-03	470799.7	3766783.2	304.4	3.40	4.51			

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3.16     YES                    NO
 L0001460         0   0.50968E-03  470806.4 3766790.2   304.1     3.40     4.51
3.16     YES                    NO
 L0001461         0   0.50968E-03  470813.1 3766797.2   303.8     3.40     4.51
3.16     YES                    NO
 L0001462         0   0.50968E-03  470819.9 3766804.2   303.3     3.40     4.51
3.16     YES                    NO
 L0001463         0   0.50968E-03  470826.6 3766811.1   303.6     3.40     4.51
3.16     YES                    NO
 L0001464         0   0.50968E-03  470833.4 3766818.1   303.4     3.40     4.51
3.16     YES                    NO
 L0001465         0   0.50968E-03  470840.1 3766825.1   303.5     3.40     4.51
3.16     YES                    NO
 L0001466         0   0.50968E-03  470846.8 3766832.1   303.1     3.40     4.51
3.16     YES                    NO
 L0001467         0   0.50968E-03  470853.6 3766839.0   302.7     3.40     4.51
3.16     YES                    NO
 L0001468         0   0.50968E-03  470860.3 3766846.0   302.8     3.40     4.51
3.16     YES                    NO
 L0001469         0   0.50968E-03  470867.1 3766853.0   303.1     3.40     4.51
3.16     YES                    NO
 L0001470         0   0.50968E-03  470873.8 3766860.0   302.8     3.40     4.51
3.16     YES                    NO
 L0001471         0   0.50968E-03  470880.8 3766866.7   301.8     3.40     4.51
3.16     YES                    NO
 L0001472         0   0.50968E-03  470888.3 3766872.9   300.9     3.40     4.51
3.16     YES                    NO
 L0001473         0   0.50968E-03  470895.7 3766879.1   300.6     3.40     4.51
3.16     YES                    NO
 L0001474         0   0.50968E-03  470903.2 3766885.2   300.1     3.40     4.51
3.16     YES                    NO
 L0001475         0   0.50968E-03  470910.7 3766891.4   299.2     3.40     4.51
3.16     YES                    NO
 L0001476         0   0.50968E-03  470918.1 3766897.6   298.8     3.40     4.51
3.16     YES                    NO
 L0001477         0   0.50968E-03  470925.6 3766903.8   297.5     3.40     4.51
3.16     YES                    NO
 L0001478         0   0.50968E-03  470933.1 3766910.0   296.7     3.40     4.51
3.16     YES                    NO
 L0001479         0   0.50968E-03  470940.5 3766916.2   296.5     3.40     4.51
3.16     YES                    NO
 L0001480         0   0.50968E-03  470948.0 3766922.4   296.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0001481	0	0.50968E-03	470955.5	3766928.6	296.2	3.40	4.51	3.16	YES	NO
L0001482	0	0.50968E-03	470962.9	3766934.8	295.7	3.40	4.51	3.16	YES	NO
L0001483	0	0.50968E-03	470970.4	3766941.0	295.0	3.40	4.51	3.16	YES	NO
L0001484	0	0.50968E-03	470977.9	3766947.1	294.7	3.40	4.51	3.16	YES	NO
L0001485	0	0.50968E-03	470985.3	3766953.3	294.9	3.40	4.51	3.16	YES	NO
L0001486	0	0.50968E-03	470992.8	3766959.5	295.0	3.40	4.51	3.16	YES	NO
L0001487	0	0.50968E-03	471000.3	3766965.7	294.1	3.40	4.51	3.16	YES	NO
L0001488	0	0.50968E-03	471007.7	3766971.9	293.6	3.40	4.51	3.16	YES	NO
L0001489	0	0.50968E-03	471015.2	3766978.1	293.7	3.40	4.51	3.16	YES	NO
L0001490	0	0.50968E-03	471022.7	3766984.3	293.4	3.40	4.51	3.16	YES	NO
L0001491	0	0.50968E-03	471030.2	3766990.5	293.6	3.40	4.51	3.16	YES	NO
L0001492	0	0.50968E-03	471037.6	3766996.7	293.1	3.40	4.51	3.16	YES	NO
L0001493	0	0.50968E-03	471045.1	3767002.9	292.5	3.40	4.51	3.16	YES	NO
L0001494	0	0.50968E-03	471052.6	3767009.0	292.2	3.40	4.51	3.16	YES	NO
L0001495	0	0.50968E-03	471060.0	3767015.2	292.4	3.40	4.51	3.16	YES	NO
L0001496	0	0.50968E-03	471067.5	3767021.4	292.8	3.40	4.51	3.16	YES	NO
L0001497	0	0.50968E-03	471075.0	3767027.6	291.8	3.40	4.51	3.16	YES	NO
L0001498	0	0.50968E-03	471082.4	3767033.8	291.4	3.40	4.51	3.16	YES	NO
L0001499	0	0.50968E-03	471089.9	3767040.0	291.4	3.40	4.51			

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3.16     YES                    NO
 L0001500         0   0.50968E-03  471097.4 3767046.2   291.3     3.40     4.51
3.16     YES                    NO
 L0001501         0   0.50968E-03  471104.8 3767052.4   291.3     3.40     4.51
3.16     YES                    NO
 L0001502         0   0.50968E-03  471112.3 3767058.6   290.9     3.40     4.51
3.16     YES                    NO
 L0001503         0   0.50968E-03  471119.8 3767064.8   290.5     3.40     4.51
3.16     YES                    NO
 L0001504         0   0.50968E-03  471127.2 3767070.9   290.1     3.40     4.51
3.16     YES                    NO
 L0001505         0   0.50968E-03  471134.7 3767077.1   290.2     3.40     4.51
3.16     YES                    NO
 L0001506         0   0.50968E-03  471142.2 3767083.3   290.5     3.40     4.51
3.16     YES                    NO
 L0001507         0   0.50968E-03  471149.6 3767089.5   289.7     3.40     4.51
3.16     YES                    NO
 L0001508         0   0.50968E-03  471157.1 3767095.7   289.2     3.40     4.51
3.16     YES                    NO
 L0001509         0   0.50968E-03  471164.6 3767101.9   289.1     3.40     4.51
3.16     YES                    NO
 L0001510         0   0.50968E-03  471172.0 3767108.1   289.2     3.40     4.51
3.16     YES                    NO
 L0001511         0   0.50968E-03  471179.5 3767114.3   289.0     3.40     4.51
3.16     YES                    NO
 L0001512         0   0.50968E-03  471187.0 3767120.5   288.6     3.40     4.51
3.16     YES                    NO
 L0001513         0   0.50968E-03  471194.5 3767126.6   288.3     3.40     4.51
3.16     YES                    NO
 L0001514         0   0.50968E-03  471202.0 3767132.8   287.9     3.40     4.51
3.16     YES                    NO
 L0001515         0   0.50968E-03  471209.5 3767138.9   287.9     3.40     4.51
3.16     YES                    NO
 L0001516         0   0.50968E-03  471217.0 3767145.1   288.1     3.40     4.51
3.16     YES                    NO
 L0001517         0   0.50968E-03  471224.5 3767151.2   287.6     3.40     4.51
3.16     YES                    NO
 L0001518         0   0.50968E-03  471232.0 3767157.4   287.1     3.40     4.51
3.16     YES                    NO
 L0001519         0   0.50968E-03  471239.5 3767163.5   287.0     3.40     4.51
3.16     YES                    NO
 L0001520         0   0.50968E-03  471247.0 3767169.7   287.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001521	0	0.50968E-03	471254.5	3767175.8	287.0	3.40	4.51	3.16	YES	NO	
L0001522	0	0.50968E-03	471262.0	3767182.0	286.6	3.40	4.51	3.16	YES	NO	
L0001523	0	0.50968E-03	471269.5	3767188.1	286.4	3.40	4.51	3.16	YES	NO	
L0001524	0	0.50968E-03	471277.0	3767194.3	286.2	3.40	4.51	3.16	YES	NO	
L0001525	0	0.50968E-03	471284.5	3767200.4	286.1	3.40	4.51	3.16	YES	NO	
L0001526	0	0.50968E-03	471292.0	3767206.6	286.2	3.40	4.51	3.16	YES	NO	
L0001527	0	0.50968E-03	471299.5	3767212.7	286.0	3.40	4.51	3.16	YES	NO	
L0001528	0	0.50968E-03	471307.0	3767218.9	285.7	3.40	4.51	3.16	YES	NO	
L0001529	0	0.50968E-03	471314.5	3767225.0	285.6	3.40	4.51	3.16	YES	NO	
L0001530	0	0.50968E-03	471322.0	3767231.2	285.7	3.40	4.51	3.16	YES	NO	
L0001531	0	0.50968E-03	471329.5	3767237.3	285.6	3.40	4.51	3.16	YES	NO	
L0001532	0	0.50968E-03	471337.0	3767243.5	285.4	3.40	4.51	3.16	YES	NO	
L0001533	0	0.50968E-03	471344.5	3767249.6	285.3	3.40	4.51	3.16	YES	NO	
L0001534	0	0.50968E-03	471352.0	3767255.8	285.3	3.40	4.51	3.16	YES	NO	
L0001535	0	0.50968E-03	471359.5	3767261.9	285.3	3.40	4.51	3.16	YES	NO	
L0001536	0	0.50968E-03	471367.0	3767268.1	285.4	3.40	4.51	3.16	YES	NO	
L0001537	0	0.50968E-03	471374.5	3767274.2	285.3	3.40	4.51	3.16	YES	NO	
L0001538	0	0.50968E-03	471382.0	3767280.4	285.2	3.40	4.51	3.16	YES	NO	
L0001539	0	0.50968E-03	471389.5	3767286.5	285.2	3.40	4.51				

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3.16     YES                    NO
 L0001540         0   0.50968E-03  471397.0 3767292.7   285.3     3.40     4.51
3.16     YES                    NO
 L0001541         0   0.50968E-03  471404.5 3767298.8   285.4     3.40     4.51
3.16     YES                    NO
 L0001542         0   0.50968E-03  471412.0 3767305.0   285.3     3.40     4.51
3.16     YES                    NO
 L0001543         0   0.50968E-03  471419.5 3767311.1   285.2     3.40     4.51
3.16     YES                    NO
 L0001544         0   0.50968E-03  471427.0 3767317.3   285.2     3.40     4.51
3.16     YES                    NO
 L0001545         0   0.50968E-03  471434.5 3767323.4   285.2     3.40     4.51
3.16     YES                    NO
 L0001546         0   0.50968E-03  471442.0 3767329.6   285.2     3.40     4.51
3.16     YES                    NO
 L0001547         0   0.50968E-03  471449.5 3767335.7   285.2     3.40     4.51
3.16     YES                    NO
 L0001548         0   0.50968E-03  471457.0 3767341.9   285.2     3.40     4.51
3.16     YES                    NO
 L0001549         0   0.50968E-03  471464.5 3767348.0   285.2     3.40     4.51
3.16     YES                    NO
 L0001550         0   0.50968E-03  471472.0 3767354.2   285.2     3.40     4.51
3.16     YES                    NO
 L0001551         0   0.50968E-03  471479.5 3767360.3   285.2     3.40     4.51
3.16     YES                    NO
 L0001552         0   0.50968E-03  471487.0 3767366.5   285.2     3.40     4.51
3.16     YES                    NO
 L0001553         0   0.50968E-03  471494.5 3767372.6   285.2     3.40     4.51
3.16     YES                    NO
 L0001554         0   0.50968E-03  471502.0 3767378.8   285.2     3.40     4.51
3.16     YES                    NO
 L0001555         0   0.50968E-03  471509.5 3767384.9   285.2     3.40     4.51
3.16     YES                    NO
 L0001556         0   0.50968E-03  471517.0 3767391.0   285.2     3.40     4.51
3.16     YES                    NO
 L0001557         0   0.50968E-03  471524.5 3767397.2   285.2     3.40     4.51
3.16     YES                    NO
 L0001558         0   0.50968E-03  471532.0 3767403.3   285.2     3.40     4.51
3.16     YES                    NO
 L0001559         0   0.50968E-03  471539.6 3767409.5   285.2     3.40     4.51
3.16     YES                    NO
 L0001560         0   0.50968E-03  471547.1 3767415.6   285.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001561	0	0.50968E-03	471554.6	3767421.8	285.2	3.40	4.51	3.16	YES	NO	
L0001562	0	0.50968E-03	471562.1	3767427.9	285.2	3.40	4.51	3.16	YES	NO	
L0001563	0	0.50968E-03	471569.6	3767434.1	285.3	3.40	4.51	3.16	YES	NO	
L0001564	0	0.50968E-03	471577.1	3767440.2	285.4	3.40	4.51	3.16	YES	NO	
L0001565	0	0.50968E-03	471584.6	3767446.4	285.5	3.40	4.51	3.16	YES	NO	
L0001566	0	0.50968E-03	471592.1	3767452.5	285.7	3.40	4.51	3.16	YES	NO	
L0001567	0	0.50968E-03	471599.6	3767458.7	285.9	3.40	4.51	3.16	YES	NO	
L0001568	0	0.50968E-03	471607.1	3767464.8	285.8	3.40	4.51	3.16	YES	NO	
L0001569	0	0.50968E-03	471614.6	3767471.0	286.0	3.40	4.51	3.16	YES	NO	
L0001570	0	0.50968E-03	471622.1	3767477.1	285.8	3.40	4.51	3.16	YES	NO	
L0001571	0	0.50968E-03	471629.6	3767483.3	285.5	3.40	4.51	3.16	YES	NO	
L0001572	0	0.50968E-03	471637.1	3767489.4	285.4	3.40	4.51	3.16	YES	NO	
L0001573	0	0.50968E-03	471644.6	3767495.6	285.4	3.40	4.51	3.16	YES	NO	
L0001574	0	0.50968E-03	471652.1	3767501.7	285.4	3.40	4.51	3.16	YES	NO	
L0001575	0	0.50968E-03	471659.6	3767507.9	285.5	3.40	4.51	3.16	YES	NO	
L0001576	0	0.50968E-03	471667.1	3767514.0	285.5	3.40	4.51	3.16	YES	NO	
L0001577	0	0.50968E-03	471674.6	3767520.2	285.5	3.40	4.51	3.16	YES	NO	
L0001578	0	0.50968E-03	471682.1	3767526.3	285.6	3.40	4.51	3.16	YES	NO	
L0001579	0	0.50968E-03	471689.6	3767532.5	285.6	3.40	4.51				

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3.16     YES                    NO
 L0001580         0   0.50968E-03  471697.1 3767538.6   285.6     3.40     4.51
3.16     YES                    NO
 L0001581         0   0.50968E-03  471704.6 3767544.8   285.7     3.40     4.51
3.16     YES                    NO
 L0001582         0   0.50968E-03  471712.1 3767550.9   285.7     3.40     4.51
3.16     YES                    NO
 L0001583         0   0.50968E-03  471719.6 3767557.1   285.7     3.40     4.51
3.16     YES                    NO
 L0001584         0   0.50968E-03  471727.1 3767563.2   285.7     3.40     4.51
3.16     YES                    NO
 L0001585         0   0.50968E-03  471734.6 3767569.4   285.8     3.40     4.51
3.16     YES                    NO
 L0001586         0   0.50968E-03  471742.1 3767575.5   285.9     3.40     4.51
3.16     YES                    NO
 L0001587         0   0.50968E-03  471749.6 3767581.7   285.8     3.40     4.51
3.16     YES                    NO
 L0001588         0   0.50968E-03  471757.1 3767587.8   285.9     3.40     4.51
3.16     YES                    NO
 L0001589         0   0.50968E-03  471764.6 3767594.0   285.9     3.40     4.51
3.16     YES                    NO
 L0001590         0   0.50968E-03  471772.1 3767600.1   286.0     3.40     4.51
3.16     YES                    NO
 L0001591         0   0.50968E-03  471779.6 3767606.3   286.0     3.40     4.51
3.16     YES                    NO
 L0001592         0   0.50968E-03  471787.1 3767612.4   286.0     3.40     4.51
3.16     YES                    NO
 L0001593         0   0.50968E-03  471794.6 3767618.6   286.0     3.40     4.51
3.16     YES                    NO
 L0001594         0   0.50968E-03  471802.1 3767624.7   286.1     3.40     4.51
3.16     YES                    NO
 L0001595         0   0.50968E-03  471809.6 3767630.9   286.2     3.40     4.51
3.16     YES                    NO
 L0001596         0   0.50968E-03  471817.1 3767637.0   286.2     3.40     4.51
3.16     YES                    NO
 L0001597         0   0.50968E-03  471824.6 3767643.2   286.2     3.40     4.51
3.16     YES                    NO
 L0001598         0   0.50968E-03  471832.1 3767649.3   286.3     3.40     4.51
3.16     YES                    NO
 L0001599         0   0.50968E-03  471839.6 3767655.5   286.4     3.40     4.51
3.16     YES                    NO
 L0001600         0   0.50968E-03  471847.1 3767661.6   286.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE VARY
L0001601	0	0.50968E-03	471854.6	3767667.8	286.7	3.40	4.51	3.16	YES	NO
L0001602	0	0.50968E-03	471862.1	3767673.9	286.8	3.40	4.51	3.16	YES	NO
L0001603	0	0.50968E-03	471869.6	3767680.1	286.9	3.40	4.51	3.16	YES	NO
L0001604	0	0.50968E-03	471877.1	3767686.2	287.1	3.40	4.51	3.16	YES	NO
L0001605	0	0.50968E-03	471884.6	3767692.4	287.4	3.40	4.51	3.16	YES	NO
L0001606	0	0.50968E-03	471892.1	3767698.5	287.6	3.40	4.51	3.16	YES	NO
L0001607	0	0.50968E-03	471899.6	3767704.7	287.8	3.40	4.51	3.16	YES	NO
L0001608	0	0.50968E-03	471907.1	3767710.8	288.0	3.40	4.51	3.16	YES	NO
L0001609	0	0.50968E-03	471914.6	3767717.0	288.4	3.40	4.51	3.16	YES	NO
L0001610	0	0.50968E-03	471922.1	3767723.1	288.7	3.40	4.51	3.16	YES	NO
L0001611	0	0.50968E-03	471929.6	3767729.2	288.9	3.40	4.51	3.16	YES	NO
L0001612	0	0.50968E-03	471937.2	3767735.4	289.1	3.40	4.51	3.16	YES	NO
L0001613	0	0.50968E-03	471944.7	3767741.5	289.3	3.40	4.51	3.16	YES	NO
L0001614	0	0.50968E-03	471952.2	3767747.7	289.5	3.40	4.51	3.16	YES	NO
L0001615	0	0.50968E-03	471959.7	3767753.8	290.0	3.40	4.51	3.16	YES	NO
L0001616	0	0.50968E-03	471967.2	3767760.0	290.3	3.40	4.51	3.16	YES	NO
L0001617	0	0.50968E-03	471974.7	3767766.1	290.3	3.40	4.51	3.16	YES	NO
L0001618	0	0.50968E-03	471982.2	3767772.3	290.5	3.40	4.51	3.16	YES	NO
L0001619	0	0.50968E-03	471989.7	3767778.4	290.9	3.40	4.51			

3.16   YES   NO
 L0001620   0   0.50968E-03 471997.2 3767784.6   291.4   3.40   4.51
3.16   YES   NO
 L0001621   0   0.50968E-03 472004.7 3767790.7   291.7   3.40   4.51
3.16   YES   NO
 L0001622   0   0.50968E-03 472012.2 3767796.9   292.0   3.40   4.51
3.16   YES   NO
 L0001623   0   0.50968E-03 472019.7 3767803.0   292.3   3.40   4.51
3.16   YES   NO
 L0001624   0   0.50968E-03 472027.2 3767809.2   292.7   3.40   4.51
3.16   YES   NO
 L0001625   0   0.50968E-03 472034.7 3767815.3   292.9   3.40   4.51
3.16   YES   NO
 L0001626   0   0.50968E-03 472042.2 3767821.5   293.0   3.40   4.51
3.16   YES   NO
 L0001627   0   0.50968E-03 472049.7 3767827.6   293.3   3.40   4.51
3.16   YES   NO
 L0001628   0   0.50968E-03 472057.1 3767833.9   293.5   3.40   4.51
3.16   YES   NO
 L0001629   0   0.50968E-03 472064.3 3767840.3   293.7   3.40   4.51
3.16   YES   NO
 L0001630   0   0.50968E-03 472071.6 3767846.8   293.8   3.40   4.51
3.16   YES   NO
 L0001631   0   0.50968E-03 472078.8 3767853.3   294.0   3.40   4.51
3.16   YES   NO
 L0001632   0   0.50968E-03 472086.0 3767859.7   294.2   3.40   4.51
3.16   YES   NO
 L0001633   0   0.50968E-03 472093.3 3767866.2   294.3   3.40   4.51
3.16   YES   NO
 L0001634   0   0.50968E-03 472100.5 3767872.6   294.5   3.40   4.51
3.16   YES   NO
 L0001635   0   0.50968E-03 472107.8 3767879.1   294.6   3.40   4.51
3.16   YES   NO
 L0001636   0   0.50968E-03 472115.0 3767885.5   294.8   3.40   4.51
3.16   YES   NO
 L0001637   0   0.50968E-03 472122.2 3767892.0   295.0   3.40   4.51
3.16   YES   NO
 L0001638   0   0.50968E-03 472129.5 3767898.5   295.2   3.40   4.51
3.16   YES   NO
 L0001639   0   0.50968E-03 472136.7 3767904.9   295.3   3.40   4.51
3.16   YES   NO
 L0001640   0   0.50968E-03 472143.9 3767911.4   295.4   3.40   4.51
3.16   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT EMISSION RATE SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0001641	0	0.50968E-03		472151.2	3767917.8	295.6	3.40	4.51	3.16	YES
L0001642	0	0.50968E-03		472158.4	3767924.3	295.8	3.40	4.51	3.16	YES
L0001643	0	0.50968E-03		472165.7	3767930.8	296.0	3.40	4.51	3.16	YES
L0001644	0	0.50968E-03		472172.9	3767937.2	296.2	3.40	4.51	3.16	YES
L0001645	0	0.50968E-03		472180.1	3767943.7	296.3	3.40	4.51	3.16	YES
L0001646	0	0.50968E-03		472187.4	3767950.1	296.5	3.40	4.51	3.16	YES
L0001647	0	0.50968E-03		472194.6	3767956.6	296.7	3.40	4.51	3.16	YES
L0001648	0	0.50968E-03		472201.8	3767963.0	296.9	3.40	4.51	3.16	YES
L0001649	0	0.50968E-03		472209.1	3767969.5	297.1	3.40	4.51	3.16	YES
L0001650	0	0.50968E-03		472216.3	3767976.0	297.2	3.40	4.51	3.16	YES
L0001651	0	0.50968E-03		472223.6	3767982.4	297.4	3.40	4.51	3.16	YES
L0001652	0	0.50968E-03		472230.8	3767988.9	297.4	3.40	4.51	3.16	YES
L0001653	0	0.50968E-03		472238.0	3767995.3	297.6	3.40	4.51	3.16	YES
L0001654	0	0.50968E-03		472243.4	3768003.4	297.8	3.40	4.51	3.16	YES
L0001655	0	0.50968E-03		472248.7	3768011.5	298.0	3.40	4.51	3.16	YES
L0001656	0	0.50968E-03		472254.0	3768019.7	298.2	3.40	4.51	3.16	YES
L0001657	0	0.50968E-03		472259.2	3768027.8	298.3	3.40	4.51	3.16	YES
L0001658	0	0.50968E-03		472264.5	3768036.0	298.4	3.40	4.51	3.16	YES
L0001659	0	0.50968E-03		472269.7	3768044.1	298.4	3.40	4.51		

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3.16     YES                    NO
 L0001660         0   0.50968E-03  472275.0 3768052.3   298.6     3.40     4.51
3.16     YES                    NO
 L0001661         0   0.50968E-03  472280.2 3768060.4   298.7     3.40     4.51
3.16     YES                    NO
 L0001662         0   0.50968E-03  472285.5 3768068.6   298.7     3.40     4.51
3.16     YES                    NO
 L0001663         0   0.50968E-03  472290.7 3768076.7   298.7     3.40     4.51
3.16     YES                    NO
 L0001664         0   0.50968E-03  472296.0 3768084.9   298.8     3.40     4.51
3.16     YES                    NO
 L0001665         0   0.50968E-03  472301.2 3768093.1   299.0     3.40     4.51
3.16     YES                    NO
 L0001666         0   0.50968E-03  472306.5 3768101.2   298.9     3.40     4.51
3.16     YES                    NO
 L0001667         0   0.50968E-03  472311.7 3768109.4   298.9     3.40     4.51
3.16     YES                    NO
 L0001668         0   0.50968E-03  472317.0 3768117.5   298.9     3.40     4.51
3.16     YES                    NO
 L0001669         0   0.50968E-03  472322.2 3768125.7   298.9     3.40     4.51
3.16     YES                    NO
 L0001670         0   0.50968E-03  472327.5 3768133.8   299.0     3.40     4.51
3.16     YES                    NO
 L0001671         0   0.50968E-03  472332.7 3768142.0   298.9     3.40     4.51
3.16     YES                    NO
 L0001672         0   0.50968E-03  472338.0 3768150.1   298.9     3.40     4.51
3.16     YES                    NO
 L0001673         0   0.50968E-03  472343.3 3768158.3   298.9     3.40     4.51
3.16     YES                    NO
 L0001674         0   0.50968E-03  472348.5 3768166.4   298.9     3.40     4.51
3.16     YES                    NO
 L0001675         0   0.50968E-03  472353.8 3768174.6   299.0     3.40     4.51
3.16     YES                    NO
 L0001676         0   0.50968E-03  472359.0 3768182.8   299.0     3.40     4.51
3.16     YES                    NO
 L0001677         0   0.50968E-03  472364.3 3768190.9   299.0     3.40     4.51
3.16     YES                    NO
 L0001678         0   0.50968E-03  472369.5 3768199.1   299.0     3.40     4.51
3.16     YES                    NO
 L0001679         0   0.50968E-03  472374.8 3768207.2   299.0     3.40     4.51
3.16     YES                    NO
 L0001680         0   0.50968E-03  472380.0 3768215.4   299.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT EMISSION RATE
L0001681	0	0.50968E-03	472385.3	3768223.5	299.0	3.40	4.51	3.16	YES	NO
L0001682	0	0.50968E-03	472389.6	3768232.2	299.0	3.40	4.51	3.16	YES	NO
L0001683	0	0.50968E-03	472393.4	3768241.1	298.9	3.40	4.51	3.16	YES	NO
L0001684	0	0.50968E-03	472397.2	3768250.0	298.9	3.40	4.51	3.16	YES	NO
L0001685	0	0.50968E-03	472401.0	3768259.0	298.9	3.40	4.51	3.16	YES	NO
L0001686	0	0.50968E-03	472404.8	3768267.9	298.9	3.40	4.51	3.16	YES	NO
L0001687	0	0.50968E-03	472408.5	3768276.8	298.9	3.40	4.51	3.16	YES	NO
L0001688	0	0.50968E-03	472412.3	3768285.8	298.9	3.40	4.51	3.16	YES	NO
L0001689	0	0.50968E-03	472416.1	3768294.7	298.8	3.40	4.51	3.16	YES	NO
L0001690	0	0.50968E-03	472419.9	3768303.6	298.8	3.40	4.51	3.16	YES	NO
L0001691	0	0.50968E-03	472423.7	3768312.5	298.8	3.40	4.51	3.16	YES	NO
L0001692	0	0.50968E-03	472427.5	3768321.5	298.8	3.40	4.51	3.16	YES	NO
L0001693	0	0.50968E-03	472431.3	3768330.4	298.8	3.40	4.51	3.16	YES	NO
L0001694	0	0.50968E-03	472435.1	3768339.3	298.8	3.40	4.51	3.16	YES	NO
L0001695	0	0.50968E-03	472438.9	3768348.2	298.8	3.40	4.51	3.16	YES	NO
L0001696	0	0.50968E-03	472442.7	3768357.2	298.8	3.40	4.51	3.16	YES	NO
L0001697	0	0.50968E-03	472446.5	3768366.1	298.8	3.40	4.51	3.16	YES	NO
L0001698	0	0.50968E-03	472450.3	3768375.0	298.8	3.40	4.51	3.16	YES	NO
L0001699	0	0.50968E-03	472454.1	3768383.9	298.8	3.40	4.51			

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3.16     YES                    NO
 L0001700         0   0.50968E-03  472457.9 3768392.9   298.8     3.40     4.51
3.16     YES                    NO
 L0001701         0   0.50968E-03  472461.7 3768401.8   298.8     3.40     4.51
3.16     YES                    NO
 L0001702         0   0.50968E-03  472465.0 3768410.9   298.8     3.40     4.51
3.16     YES                    NO
 L0001703         0   0.50968E-03  472467.8 3768420.2   298.7     3.40     4.51
3.16     YES                    NO
 L0001704         0   0.50968E-03  472470.7 3768429.5   298.7     3.40     4.51
3.16     YES                    NO
 L0001705         0   0.50968E-03  472473.5 3768438.7   298.7     3.40     4.51
3.16     YES                    NO
 L0001706         0   0.50968E-03  472476.4 3768448.0   298.7     3.40     4.51
3.16     YES                    NO
 L0001707         0   0.50968E-03  472479.2 3768457.3   298.6     3.40     4.51
3.16     YES                    NO
 L0001708         0   0.50968E-03  472482.1 3768466.5   298.6     3.40     4.51
3.16     YES                    NO
 L0001709         0   0.50968E-03  472484.9 3768475.8   298.6     3.40     4.51
3.16     YES                    NO
 L0001710         0   0.50968E-03  472487.8 3768485.1   298.6     3.40     4.51
3.16     YES                    NO
 L0001711         0   0.50968E-03  472490.6 3768494.3   298.5     3.40     4.51
3.16     YES                    NO
 L0001712         0   0.50968E-03  472493.5 3768503.6   298.5     3.40     4.51
3.16     YES                    NO
 L0001713         0   0.50968E-03  472496.4 3768512.9   298.6     3.40     4.51
3.16     YES                    NO
 L0001714         0   0.50968E-03  472499.2 3768522.2   298.6     3.40     4.51
3.16     YES                    NO
 L0001715         0   0.50968E-03  472502.1 3768531.4   298.7     3.40     4.51
3.16     YES                    NO
 L0001716         0   0.50968E-03  472504.9 3768540.7   298.7     3.40     4.51
3.16     YES                    NO
 L0001717         0   0.50968E-03  472507.8 3768550.0   298.8     3.40     4.51
3.16     YES                    NO
 L0001718         0   0.50968E-03  472510.6 3768559.2   298.8     3.40     4.51
3.16     YES                    NO
 L0001719         0   0.50968E-03  472513.5 3768568.5   298.9     3.40     4.51
3.16     YES                    NO
 L0001720         0   0.50968E-03  472515.6 3768578.0   299.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0001721	0	0.50968E-03	472517.5	3768587.5	299.1	3.40	4.51	3.16	YES	NO
L0001722	0	0.50968E-03	472519.3	3768597.0	299.3	3.40	4.51	3.16	YES	NO
L0001723	0	0.50968E-03	472521.2	3768606.5	299.5	3.40	4.51	3.16	YES	NO
L0001724	0	0.50968E-03	472523.0	3768616.1	299.7	3.40	4.51	3.16	YES	NO
L0001725	0	0.50968E-03	472524.9	3768625.6	299.9	3.40	4.51	3.16	YES	NO
L0001726	0	0.50968E-03	472526.7	3768635.1	300.2	3.40	4.51	3.16	YES	NO
L0001727	0	0.50968E-03	472528.6	3768644.6	300.4	3.40	4.51	3.16	YES	NO
L0001728	0	0.50968E-03	472530.4	3768654.1	300.6	3.40	4.51	3.16	YES	NO
L0001729	0	0.50968E-03	472532.3	3768663.7	300.9	3.40	4.51	3.16	YES	NO
L0001730	0	0.50968E-03	472534.1	3768673.2	301.2	3.40	4.51	3.16	YES	NO
L0001731	0	0.50968E-03	472536.0	3768682.7	301.4	3.40	4.51	3.16	YES	NO
L0001732	0	0.50968E-03	472537.8	3768692.2	301.7	3.40	4.51	3.16	YES	NO
L0001733	0	0.50968E-03	472539.7	3768701.7	302.0	3.40	4.51	3.16	YES	NO
L0001734	0	0.50968E-03	472541.5	3768711.3	302.3	3.40	4.51	3.16	YES	NO
L0001735	0	0.50968E-03	472543.4	3768720.8	302.6	3.40	4.51	3.16	YES	NO
L0001736	0	0.50968E-03	472545.2	3768730.3	302.8	3.40	4.51	3.16	YES	NO
L0001737	0	0.50968E-03	472547.1	3768739.8	303.1	3.40	4.51	3.16	YES	NO
L0001738	0	0.50968E-03	472548.9	3768749.4	302.3	3.40	4.51	3.16	YES	NO
L0001739	0	0.50968E-03	472550.8	3768758.9	301.4	3.40	4.51			

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3.16     YES                    NO
 L0001740         0   0.50968E-03  472552.6 3768768.4   300.5     3.40     4.51
3.16     YES                    NO
 L0001741         0   0.50968E-03  472554.5 3768777.9   298.9     3.40     4.51
3.16     YES                    NO
 L0001742         0   0.50968E-03  472556.3 3768787.4   297.0     3.40     4.51
3.16     YES                    NO
 L0001743         0   0.50968E-03  472558.2 3768797.0   295.1     3.40     4.51
3.16     YES                    NO
 L0001744         0   0.50968E-03  472560.0 3768806.5   294.1     3.40     4.51
3.16     YES                    NO
 L0001745         0   0.50968E-03  472561.9 3768816.0   294.1     3.40     4.51
3.16     YES                    NO
 L0001746         0   0.50968E-03  472563.7 3768825.5   294.1     3.40     4.51
3.16     YES                    NO
 L0001747         0   0.50968E-03  472565.6 3768835.1   294.1     3.40     4.51
3.16     YES                    NO
 L0001748         0   0.50968E-03  472567.4 3768844.6   294.1     3.40     4.51
3.16     YES                    NO
 L0001749         0   0.50968E-03  472569.3 3768854.1   294.2     3.40     4.51
3.16     YES                    NO
 L0001750         0   0.50968E-03  472571.1 3768863.6   294.2     3.40     4.51
3.16     YES                    NO
 L0001751         0   0.50968E-03  472573.0 3768873.1   294.3     3.40     4.51
3.16     YES                    NO
 L0001752         0   0.50968E-03  472574.8 3768882.7   294.4     3.40     4.51
3.16     YES                    NO
 L0001753         0   0.50968E-03  472576.7 3768892.2   294.5     3.40     4.51
3.16     YES                    NO
 L0001754         0   0.50968E-03  472578.5 3768901.7   294.5     3.40     4.51
3.16     YES                    NO
 L0001755         0   0.50968E-03  472580.4 3768911.2   294.6     3.40     4.51
3.16     YES                    NO
 L0001756         0   0.50968E-03  472582.2 3768920.7   294.7     3.40     4.51
3.16     YES                    NO
 L0001757         0   0.50968E-03  472584.1 3768930.3   294.7     3.40     4.51
3.16     YES                    NO
 L0001758         0   0.50968E-03  472586.0 3768939.8   294.8     3.40     4.51
3.16     YES                    NO
 L0001759         0   0.50968E-03  472587.8 3768949.3   294.9     3.40     4.51
3.16     YES                    NO
 L0001760         0   0.50968E-03  472589.7 3768958.8   295.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0001761	0	0.50968E-03	472591.5	3768968.4	296.6	3.40	4.51	3.16	YES	NO	
L0001762	0	0.50968E-03	472593.4	3768977.9	298.0	3.40	4.51	3.16	YES	NO	
L0001763	0	0.50968E-03	472595.2	3768987.4	299.5	3.40	4.51	3.16	YES	NO	
L0001764	0	0.50968E-03	472597.1	3768996.9	301.4	3.40	4.51	3.16	YES	NO	
L0001765	0	0.50968E-03	472598.9	3769006.4	303.3	3.40	4.51	3.16	YES	NO	
L0001766	0	0.50968E-03	472600.8	3769016.0	305.2	3.40	4.51	3.16	YES	NO	
L0001767	0	0.50968E-03	472602.6	3769025.5	305.6	3.40	4.51	3.16	YES	NO	
L0001768	0	0.50968E-03	472604.5	3769035.0	305.6	3.40	4.51	3.16	YES	NO	
L0001769	0	0.50968E-03	472606.3	3769044.5	305.7	3.40	4.51	3.16	YES	NO	
L0001770	0	0.50968E-03	472608.2	3769054.1	305.7	3.40	4.51	3.16	YES	NO	
L0001771	0	0.50968E-03	472610.0	3769063.6	305.7	3.40	4.51	3.16	YES	NO	
L0001772	0	0.50968E-03	472611.9	3769073.1	305.6	3.40	4.51	3.16	YES	NO	
L0001773	0	0.50968E-03	472613.6	3769082.6	305.6	3.40	4.51	3.16	YES	NO	
L0001774	0	0.50968E-03	472615.4	3769092.2	305.5	3.40	4.51	3.16	YES	NO	
L0001775	0	0.50968E-03	472617.2	3769101.7	305.4	3.40	4.51	3.16	YES	NO	
L0001776	0	0.50968E-03	472619.0	3769111.2	305.4	3.40	4.51	3.16	YES	NO	
L0001777	0	0.50968E-03	472620.8	3769120.8	305.3	3.40	4.51	3.16	YES	NO	
L0001778	0	0.50968E-03	472622.6	3769130.3	305.3	3.40	4.51	3.16	YES	NO	
L0001779	0	0.50968E-03	472624.3	3769139.8	305.2	3.40	4.51				

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3.16     YES                    NO
 L0001780         0   0.50968E-03  472626.1 3769149.4   305.2     3.40     4.51
3.16     YES                    NO
 L0001781         0   0.50968E-03  472627.9 3769158.9   305.2     3.40     4.51
3.16     YES                    NO
 L0001782         0   0.50968E-03  472629.7 3769168.4   305.2     3.40     4.51
3.16     YES                    NO
 L0001783         0   0.50968E-03  472631.5 3769178.0   305.2     3.40     4.51
3.16     YES                    NO
 L0001784         0   0.50968E-03  472633.3 3769187.5   305.2     3.40     4.51
3.16     YES                    NO
 L0001785         0   0.50968E-03  472635.1 3769197.0   305.2     3.40     4.51
3.16     YES                    NO
 L0001786         0   0.50968E-03  472636.8 3769206.6   305.2     3.40     4.51
3.16     YES                    NO
 L0001787         0   0.50968E-03  472638.6 3769216.1   305.1     3.40     4.51
3.16     YES                    NO
 L0001788         0   0.50968E-03  472640.4 3769225.6   305.0     3.40     4.51
3.16     YES                    NO
 L0001789         0   0.50968E-03  472642.2 3769235.2   304.8     3.40     4.51
3.16     YES                    NO
 L0001790         0   0.50968E-03  472644.0 3769244.7   303.7     3.40     4.51
3.16     YES                    NO
 L0001791         0   0.50968E-03  472645.8 3769254.3   302.7     3.40     4.51
3.16     YES                    NO
 L0001792         0   0.50968E-03  472647.5 3769263.8   301.6     3.40     4.51
3.16     YES                    NO
 L0001793         0   0.50968E-03  472649.3 3769273.3   300.2     3.40     4.51
3.16     YES                    NO
 L0001794         0   0.50968E-03  472651.1 3769282.9   298.8     3.40     4.51
3.16     YES                    NO
 L0001795         0   0.50968E-03  472652.9 3769292.4   297.4     3.40     4.51
3.16     YES                    NO
 L0001796         0   0.50968E-03  472654.7 3769301.9   297.3     3.40     4.51
3.16     YES                    NO
 L0001797         0   0.50968E-03  472656.5 3769311.5   297.5     3.40     4.51
3.16     YES                    NO
 L0001798         0   0.50968E-03  472658.2 3769321.0   297.9     3.40     4.51
3.16     YES                    NO
 L0001799         0   0.50968E-03  472660.0 3769330.5   298.9     3.40     4.51
3.16     YES                    NO
 L0001800         0   0.50968E-03  472661.8 3769340.1   300.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0001801	0	0.50968E-03	472663.6	3769349.6	302.5	3.40	4.51	3.16	YES	NO
L0001802	0	0.50968E-03	472665.4	3769359.1	303.8	3.40	4.51	3.16	YES	NO
L0001803	0	0.50968E-03	472667.2	3769368.7	304.1	3.40	4.51	3.16	YES	NO
L0001804	0	0.50968E-03	472668.9	3769378.2	304.4	3.40	4.51	3.16	YES	NO
L0001805	0	0.50968E-03	472670.7	3769387.7	304.6	3.40	4.51	3.16	YES	NO
L0001806	0	0.50968E-03	472672.5	3769397.3	304.6	3.40	4.51	3.16	YES	NO
L0001807	0	0.50968E-03	472674.3	3769406.8	304.6	3.40	4.51	3.16	YES	NO
L0001808	0	0.50968E-03	472676.1	3769416.3	304.7	3.40	4.51	3.16	YES	NO
L0001809	0	0.50968E-03	472677.9	3769425.9	304.7	3.40	4.51	3.16	YES	NO
L0001810	0	0.50968E-03	472679.6	3769435.4	304.7	3.40	4.51	3.16	YES	NO
L0001811	0	0.50968E-03	472681.4	3769444.9	304.7	3.40	4.51	3.16	YES	NO
L0001812	0	0.50968E-03	472683.2	3769454.5	304.7	3.40	4.51	3.16	YES	NO
L0001813	0	0.50968E-03	472685.0	3769464.0	304.8	3.40	4.51	3.16	YES	NO
L0001814	0	0.50968E-03	472686.8	3769473.5	304.8	3.40	4.51	3.16	YES	NO
L0001815	0	0.50968E-03	472688.6	3769483.1	304.9	3.40	4.51	3.16	YES	NO
L0001816	0	0.50968E-03	472690.4	3769492.6	304.8	3.40	4.51	3.16	YES	NO
L0001817	0	0.50968E-03	472692.1	3769502.2	304.8	3.40	4.51	3.16	YES	NO
L0001818	0	0.50968E-03	472693.9	3769511.7	304.7	3.40	4.51	3.16	YES	NO
L0001819	0	0.50968E-03	472694.7	3769521.4	304.1	3.40	4.51			

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3.16     YES                    NO
 L0001820         0   0.50968E-03  472695.5 3769531.0   303.6     3.40     4.51
3.16     YES                    NO
 L0001821         0   0.50968E-03  472696.3 3769540.7   303.1     3.40     4.51
3.16     YES                    NO
 L0001822         0   0.50968E-03  472697.1 3769550.4   300.7     3.40     4.51
3.16     YES                    NO
 L0001823         0   0.50968E-03  472697.8 3769560.0   298.2     3.40     4.51
3.16     YES                    NO
 L0001824         0   0.50968E-03  472698.6 3769569.7   295.7     3.40     4.51
3.16     YES                    NO
 L0001825         0   0.50968E-03  472699.4 3769579.4   294.6     3.40     4.51
3.16     YES                    NO
 L0001826         0   0.50968E-03  472700.2 3769589.0   294.0     3.40     4.51
3.16     YES                    NO
 L0001827         0   0.50968E-03  472701.0 3769598.7   293.3     3.40     4.51
3.16     YES                    NO
 L0001828         0   0.50968E-03  472701.8 3769608.4   293.0     3.40     4.51
3.16     YES                    NO
 L0001829         0   0.50968E-03  472702.5 3769618.0   293.0     3.40     4.51
3.16     YES                    NO
 L0001830         0   0.50968E-03  472703.3 3769627.7   293.0     3.40     4.51
3.16     YES                    NO
 L0001831         0   0.50968E-03  472704.1 3769637.4   293.1     3.40     4.51
3.16     YES                    NO
 L0001832         0   0.50968E-03  472704.9 3769647.0   293.4     3.40     4.51
3.16     YES                    NO
 L0001833         0   0.50968E-03  472705.7 3769656.7   293.7     3.40     4.51
3.16     YES                    NO
 L0001834         0   0.50968E-03  472706.5 3769666.4   293.9     3.40     4.51
3.16     YES                    NO
 L0001835         0   0.50968E-03  472707.2 3769676.0   294.1     3.40     4.51
3.16     YES                    NO
 L0001836         0   0.50968E-03  472708.0 3769685.7   294.2     3.40     4.51
3.16     YES                    NO
 L0001837         0   0.50968E-03  472708.8 3769695.4   294.4     3.40     4.51
3.16     YES                    NO
 L0001838         0   0.50968E-03  472709.6 3769705.1   295.0     3.40     4.51
3.16     YES                    NO
 L0001839         0   0.50968E-03  472710.4 3769714.7   295.6     3.40     4.51
3.16     YES                    NO
 L0001840         0   0.50968E-03  472711.2 3769724.4   296.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001841	0	0.50968E-03	472711.9	3769734.1	297.5	3.40	4.51	3.16	YES	NO	
L0001842	0	0.50968E-03	472712.7	3769743.7	298.8	3.40	4.51	3.16	YES	NO	
L0001843	0	0.50968E-03	472713.5	3769753.4	300.1	3.40	4.51	3.16	YES	NO	
L0001844	0	0.50968E-03	472714.3	3769763.1	301.2	3.40	4.51	3.16	YES	NO	
L0001845	0	0.50968E-03	472715.1	3769772.7	302.1	3.40	4.51	3.16	YES	NO	
L0001846	0	0.50968E-03	472715.9	3769782.4	302.9	3.40	4.51	3.16	YES	NO	
L0001847	0	0.50968E-03	472716.6	3769792.1	303.3	3.40	4.51	3.16	YES	NO	
L0001848	0	0.50968E-03	472717.4	3769801.7	303.2	3.40	4.51	3.16	YES	NO	
L0001849	0	0.50968E-03	472718.2	3769811.4	303.1	3.40	4.51	3.16	YES	NO	
L0001850	0	0.50968E-03	472719.0	3769821.1	302.9	3.40	4.51	3.16	YES	NO	
L0001851	0	0.50968E-03	472719.8	3769830.7	302.7	3.40	4.51	3.16	YES	NO	
L0001852	0	0.50968E-03	472720.6	3769840.4	302.5	3.40	4.51	3.16	YES	NO	
L0001853	0	0.50968E-03	472721.4	3769850.1	302.3	3.40	4.51	3.16	YES	NO	
L0001854	0	0.50968E-03	472722.1	3769859.7	302.1	3.40	4.51	3.16	YES	NO	
L0001855	0	0.50968E-03	472722.9	3769869.4	301.8	3.40	4.51	3.16	YES	NO	
L0001856	0	0.50968E-03	472723.7	3769879.1	301.6	3.40	4.51	3.16	YES	NO	
L0001857	0	0.50968E-03	472724.3	3769888.8	301.3	3.40	4.51	3.16	YES	NO	
L0001858	0	0.50968E-03	472724.8	3769898.4	301.1	3.40	4.51	3.16	YES	NO	
L0001859	0	0.50968E-03	472725.4	3769908.1	300.8	3.40	4.51				

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3.16     YES                    NO
 L0001860         0   0.50968E-03  472726.0 3769917.8   300.6     3.40     4.51
3.16     YES                    NO
 L0001861         0   0.50968E-03  472726.6 3769927.5   300.3     3.40     4.51
3.16     YES                    NO
 L0001862         0   0.50968E-03  472727.2 3769937.2   300.1     3.40     4.51
3.16     YES                    NO
 L0001863         0   0.50968E-03  472727.8 3769946.9   299.8     3.40     4.51
3.16     YES                    NO
 L0001864         0   0.50968E-03  472728.4 3769956.5   299.6     3.40     4.51
3.16     YES                    NO
 L0001865         0   0.50968E-03  472728.9 3769966.2   299.4     3.40     4.51
3.16     YES                    NO
 L0001866         0   0.50968E-03  472729.5 3769975.9   299.2     3.40     4.51
3.16     YES                    NO
 L0001867         0   0.50968E-03  472730.1 3769985.6   299.0     3.40     4.51
3.16     YES                    NO
 L0001868         0   0.50968E-03  472730.7 3769995.3   298.8     3.40     4.51
3.16     YES                    NO
 L0001869         0   0.50968E-03  472731.3 3770005.0   298.7     3.40     4.51
3.16     YES                    NO
 L0001870         0   0.50968E-03  472731.9 3770014.6   298.5     3.40     4.51
3.16     YES                    NO
 L0001871         0   0.50968E-03  472732.5 3770024.3   298.4     3.40     4.51
3.16     YES                    NO
 L0001872         0   0.50968E-03  472733.0 3770034.0   298.3     3.40     4.51
3.16     YES                    NO
 L0001873         0   0.50968E-03  472733.6 3770043.7   298.2     3.40     4.51
3.16     YES                    NO
 L0001874         0   0.50968E-03  472734.2 3770053.4   298.2     3.40     4.51
3.16     YES                    NO
 L0001875         0   0.50968E-03  472734.8 3770063.0   298.1     3.40     4.51
3.16     YES                    NO
 L0001876         0   0.50968E-03  472735.4 3770072.7   298.1     3.40     4.51
3.16     YES                    NO
 L0001877         0   0.50968E-03  472736.0 3770082.4   298.0     3.40     4.51
3.16     YES                    NO
 L0001878         0   0.50968E-03  472736.4 3770092.1   298.0     3.40     4.51
3.16     YES                    NO
 L0001879         0   0.50968E-03  472736.4 3770101.8   298.0     3.40     4.51
3.16     YES                    NO
 L0001880         0   0.50968E-03  472736.5 3770111.5   298.1     3.40     4.51
3.16     YES                    NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001881	0	0.50968E-03	472736.6	3770121.2	298.1	3.40	4.51	3.16	YES	NO	
L0001882	0	0.50968E-03	472736.7	3770130.9	298.1	3.40	4.51	3.16	YES	NO	
L0001883	0	0.50968E-03	472736.7	3770140.6	298.1	3.40	4.51	3.16	YES	NO	
L0001884	0	0.50968E-03	472736.8	3770150.3	298.1	3.40	4.51	3.16	YES	NO	
L0001885	0	0.50968E-03	472736.9	3770160.0	298.2	3.40	4.51	3.16	YES	NO	
L0001886	0	0.50968E-03	472737.0	3770169.7	298.2	3.40	4.51	3.16	YES	NO	
L0001887	0	0.50968E-03	472737.0	3770179.4	298.2	3.40	4.51	3.16	YES	NO	
L0001888	0	0.50968E-03	472737.1	3770189.1	298.2	3.40	4.51	3.16	YES	NO	
L0001889	0	0.50968E-03	472737.2	3770198.8	298.2	3.40	4.51	3.16	YES	NO	
L0001890	0	0.50968E-03	472737.3	3770208.5	298.2	3.40	4.51	3.16	YES	NO	
L0001891	0	0.50968E-03	472737.4	3770218.2	298.2	3.40	4.51	3.16	YES	NO	
L0001892	0	0.50968E-03	472737.4	3770227.9	298.2	3.40	4.51	3.16	YES	NO	
L0001893	0	0.50968E-03	472737.5	3770237.6	298.2	3.40	4.51	3.16	YES	NO	
L0001894	0	0.50968E-03	472737.6	3770247.3	298.3	3.40	4.51	3.16	YES	NO	
L0001895	0	0.50968E-03	472737.7	3770257.0	298.3	3.40	4.51	3.16	YES	NO	
L0001896	0	0.50968E-03	472737.7	3770266.7	298.3	3.40	4.51	3.16	YES	NO	
L0001897	0	0.50968E-03	472737.8	3770276.4	298.3	3.40	4.51	3.16	YES	NO	
L0001898	0	0.50968E-03	472737.9	3770286.1	298.3	3.40	4.51	3.16	YES	NO	
L0001899	0	0.50968E-03	472738.0	3770295.8	298.3	3.40	4.51				

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3.16     YES                    NO
 L0001900         0   0.50968E-03  472738.0 3770305.5   298.3     3.40     4.51
3.16     YES                    NO
 L0001901         0   0.50968E-03  472738.1 3770315.2   298.3     3.40     4.51
3.16     YES                    NO
 L0001902         0   0.50968E-03  472738.2 3770324.9   298.3     3.40     4.51
3.16     YES                    NO
 L0001903         0   0.50968E-03  472738.3 3770334.6   298.3     3.40     4.51
3.16     YES                    NO
 L0001904         0   0.50968E-03  472738.4 3770344.3   298.3     3.40     4.51
3.16     YES                    NO
 L0001905         0   0.50968E-03  472738.4 3770354.0   298.4     3.40     4.51
3.16     YES                    NO
 L0001906         0   0.50968E-03  472738.5 3770363.7   298.4     3.40     4.51
3.16     YES                    NO
 L0001907         0   0.50968E-03  472738.6 3770373.4   298.5     3.40     4.51
3.16     YES                    NO
 L0001908         0   0.50968E-03  472738.7 3770383.1   298.5     3.40     4.51
3.16     YES                    NO
 L0001909         0   0.50968E-03  472738.7 3770392.8   298.6     3.40     4.51
3.16     YES                    NO
 L0001910         0   0.50968E-03  472738.8 3770402.5   298.6     3.40     4.51
3.16     YES                    NO
 L0001911         0   0.50968E-03  472738.9 3770412.2   298.6     3.40     4.51
3.16     YES                    NO
 L0001912         0   0.50968E-03  472739.0 3770421.9   298.7     3.40     4.51
3.16     YES                    NO
 L0001913         0   0.50968E-03  472739.0 3770431.6   298.7     3.40     4.51
3.16     YES                    NO
 L0001914         0   0.50968E-03  472739.1 3770441.3   298.7     3.40     4.51
3.16     YES                    NO
 L0001915         0   0.50968E-03  472739.2 3770451.0   298.8     3.40     4.51
3.16     YES                    NO
 L0001916         0   0.50968E-03  472739.3 3770460.7   298.8     3.40     4.51
3.16     YES                    NO
 L0001917         0   0.50968E-03  472739.4 3770470.4   298.8     3.40     4.51
3.16     YES                    NO
 L0001918         0   0.50968E-03  472739.4 3770480.1   298.8     3.40     4.51
3.16     YES                    NO
 L0001919         0   0.50968E-03  472739.5 3770489.8   298.8     3.40     4.51
3.16     YES                    NO
 L0001920         0   0.50968E-03  472739.6 3770499.5   298.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0001921	0	0.50968E-03	472739.7	3770509.2	298.9	3.40	4.51	3.16	YES	NO
L0001922	0	0.50968E-03	472739.7	3770518.9	298.9	3.40	4.51	3.16	YES	NO
L0001923	0	0.50968E-03	472739.8	3770528.6	299.0	3.40	4.51	3.16	YES	NO
L0001924	0	0.50968E-03	472739.9	3770538.3	299.0	3.40	4.51	3.16	YES	NO
L0001925	0	0.50968E-03	472740.0	3770548.0	299.1	3.40	4.51	3.16	YES	NO
L0001926	0	0.50968E-03	472740.0	3770557.7	299.1	3.40	4.51	3.16	YES	NO
L0001927	0	0.50968E-03	472740.1	3770567.4	299.1	3.40	4.51	3.16	YES	NO
L0001928	0	0.50968E-03	472740.2	3770577.1	299.2	3.40	4.51	3.16	YES	NO
L0001929	0	0.50968E-03	472740.3	3770586.8	299.2	3.40	4.51	3.16	YES	NO
L0001930	0	0.50968E-03	472740.4	3770596.5	299.3	3.40	4.51	3.16	YES	NO
L0001931	0	0.50968E-03	472740.4	3770606.2	299.3	3.40	4.51	3.16	YES	NO
L0001932	0	0.50968E-03	472740.5	3770615.9	299.4	3.40	4.51	3.16	YES	NO
L0001933	0	0.50968E-03	472740.3	3770625.6	299.4	3.40	4.51	3.16	YES	NO
L0001934	0	0.50968E-03	472737.9	3770635.0	299.4	3.40	4.51	3.16	YES	NO
L0001935	0	0.50968E-03	472735.6	3770644.4	299.4	3.40	4.51	3.16	YES	NO
L0001936	0	0.50968E-03	472733.2	3770653.8	299.3	3.40	4.51	3.16	YES	NO
L0001937	0	0.50968E-03	472730.8	3770663.2	299.3	3.40	4.51	3.16	YES	NO
L0001938	0	0.50968E-03	472728.4	3770672.6	299.3	3.40	4.51	3.16	YES	NO
L0001939	0	0.50968E-03	472726.1	3770682.0	299.3	3.40	4.51			

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3.16     YES                    NO
 L0001940         0   0.50968E-03  472723.7 3770691.4   299.4     3.40     4.51
3.16     YES                    NO
 L0001941         0   0.50968E-03  472721.3 3770700.8   299.4     3.40     4.51
3.16     YES                    NO
 L0001942         0   0.50968E-03  472719.0 3770710.2   299.5     3.40     4.51
3.16     YES                    NO
 L0001943         0   0.50968E-03  472716.6 3770719.6   299.6     3.40     4.51
3.16     YES                    NO
 L0001944         0   0.50968E-03  472714.2 3770729.0   299.7     3.40     4.51
3.16     YES                    NO
 L0001945         0   0.50968E-03  472711.9 3770738.4   299.7     3.40     4.51
3.16     YES                    NO
 L0001946         0   0.50968E-03  472709.5 3770747.8   299.8     3.40     4.51
3.16     YES                    NO
 L0001947         0   0.50968E-03  472707.1 3770757.2   299.9     3.40     4.51
3.16     YES                    NO
 L0001948         0   0.50968E-03  472704.7 3770766.6   299.9     3.40     4.51
3.16     YES                    NO
 L0001949         0   0.50968E-03  472702.4 3770776.0   300.1     3.40     4.51
3.16     YES                    NO
 L0001950         0   0.50968E-03  472700.0 3770785.5   300.2     3.40     4.51
3.16     YES                    NO
 L0001951         0   0.50968E-03  472697.6 3770794.9   300.4     3.40     4.51
3.16     YES                    NO
 L0001952         0   0.50968E-03  472695.2 3770804.3   300.5     3.40     4.51
3.16     YES                    NO
 L0001953         0   0.50968E-03  472691.2 3770813.1   300.9     3.40     4.51
3.16     YES                    NO
 L0001954         0   0.50968E-03  472687.3 3770821.9   301.3     3.40     4.51
3.16     YES                    NO
 L0001955         0   0.50968E-03  472683.3 3770830.8   301.6     3.40     4.51
3.16     YES                    NO
 L0001956         0   0.50968E-03  472679.3 3770839.6   301.9     3.40     4.51
3.16     YES                    NO
 L0001957         0   0.50968E-03  472675.3 3770848.5   302.3     3.40     4.51
3.16     YES                    NO
 L0001958         0   0.50968E-03  472671.3 3770857.3   302.4     3.40     4.51
3.16     YES                    NO
 L0001959         0   0.50968E-03  472667.3 3770866.2   302.4     3.40     4.51
3.16     YES                    NO
 L0001960         0   0.50968E-03  472663.3 3770875.0   302.6     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001961	0	0.50968E-03	472659.4	3770883.8	302.7	3.40	4.51	3.16	YES	NO	
L0001962	0	0.50968E-03	472655.4	3770892.7	302.7	3.40	4.51	3.16	YES	NO	
L0001963	0	0.50968E-03	472651.4	3770901.5	302.6	3.40	4.51	3.16	YES	NO	
L0001964	0	0.50968E-03	472647.4	3770910.4	302.3	3.40	4.51	3.16	YES	NO	
L0001965	0	0.50968E-03	472643.4	3770919.2	302.0	3.40	4.51	3.16	YES	NO	
L0001966	0	0.50968E-03	472639.4	3770928.1	301.9	3.40	4.51	3.16	YES	NO	
L0001967	0	0.50968E-03	472635.1	3770936.7	302.3	3.40	4.51	3.16	YES	NO	
L0001968	0	0.50968E-03	472630.2	3770945.1	302.4	3.40	4.51	3.16	YES	NO	
L0001969	0	0.50968E-03	472625.4	3770953.5	302.3	3.40	4.51	3.16	YES	NO	
L0001970	0	0.50968E-03	472620.6	3770961.9	301.9	3.40	4.51	3.16	YES	NO	
L0001971	0	0.50968E-03	472615.7	3770970.3	301.3	3.40	4.51	3.16	YES	NO	
L0001972	0	0.50968E-03	472610.9	3770978.8	301.3	3.40	4.51	3.16	YES	NO	
L0001973	0	0.50968E-03	472606.1	3770987.2	301.3	3.40	4.51	3.16	YES	NO	
L0001974	0	0.50968E-03	472601.2	3770995.6	301.0	3.40	4.51	3.16	YES	NO	
L0001975	0	0.50968E-03	472596.4	3771004.0	300.9	3.40	4.51	3.16	YES	NO	
L0001976	0	0.50968E-03	472591.6	3771012.4	301.1	3.40	4.51	3.16	YES	NO	
L0001977	0	0.50968E-03	472586.7	3771020.8	301.2	3.40	4.51	3.16	YES	NO	
L0001978	0	0.50968E-03	472581.9	3771029.2	301.2	3.40	4.51	3.16	YES	NO	
L0001979	0	0.50968E-03	472577.1	3771037.6	301.2	3.40	4.51				

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3.16     YES                    NO
 L0001980         0   0.50968E-03  472572.2 3771046.0   301.2     3.40     4.51
3.16     YES                    NO
 L0001981         0   0.50968E-03  472567.4 3771054.5   301.3     3.40     4.51
3.16     YES                    NO
 L0001982         0   0.50968E-03  472562.6 3771062.9   301.4     3.40     4.51
3.16     YES                    NO
 L0001983         0   0.50968E-03  472557.7 3771071.3   301.4     3.40     4.51
3.16     YES                    NO
 L0001984         0   0.50968E-03  472552.9 3771079.7   301.4     3.40     4.51
3.16     YES                    NO
 L0001985         0   0.50968E-03  472548.1 3771088.1   301.4     3.40     4.51
3.16     YES                    NO
 L0001986         0   0.50968E-03  472543.2 3771096.5   301.4     3.40     4.51
3.16     YES                    NO
 L0001987         0   0.50968E-03  472538.4 3771104.9   301.3     3.40     4.51
3.16     YES                    NO
 L0001988         0   0.50968E-03  472533.6 3771113.3   301.2     3.40     4.51
3.16     YES                    NO
 L0001989         0   0.50968E-03  472528.8 3771121.7   300.8     3.40     4.51
3.16     YES                    NO
 L0001990         0   0.50968E-03  472523.9 3771130.2   300.1     3.40     4.51
3.16     YES                    NO
 L0001991         0   0.50968E-03  472519.1 3771138.6   299.2     3.40     4.51
3.16     YES                    NO
 L0001992         0   0.50968E-03  472514.3 3771147.0   298.0     3.40     4.51
3.16     YES                    NO
 L0001993         0   0.50968E-03  472509.4 3771155.4   296.9     3.40     4.51
3.16     YES                    NO
 L0001994         0   0.50968E-03  472504.6 3771163.8   296.1     3.40     4.51
3.16     YES                    NO
 L0001995         0   0.50968E-03  472499.8 3771172.2   295.6     3.40     4.51
3.16     YES                    NO
 L0001996         0   0.50968E-03  472494.9 3771180.6   296.7     3.40     4.51
3.16     YES                    NO
 L0001997         0   0.50968E-03  472490.1 3771189.0   298.2     3.40     4.51
3.16     YES                    NO
 L0001998         0   0.50968E-03  472485.3 3771197.4   299.6     3.40     4.51
3.16     YES                    NO
 L0001999         0   0.50968E-03  472480.7 3771206.0   300.8     3.40     4.51
3.16     YES                    NO
 L0002000         0   0.50968E-03  472476.2 3771214.6   301.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0002001	0	0.50968E-03	472471.7	3771223.2	301.1	3.40	4.51	3.16	YES	NO	
L0002002	0	0.50968E-03	472467.2	3771231.8	301.1	3.40	4.51	3.16	YES	NO	
L0002003	0	0.50968E-03	472462.7	3771240.4	301.2	3.40	4.51	3.16	YES	NO	
L0002004	0	0.50968E-03	472458.2	3771249.0	301.3	3.40	4.51	3.16	YES	NO	
L0002005	0	0.50968E-03	472453.7	3771257.5	301.4	3.40	4.51	3.16	YES	NO	
L0002006	0	0.50968E-03	472449.2	3771266.1	301.4	3.40	4.51	3.16	YES	NO	
L0002007	0	0.50968E-03	472444.7	3771274.7	301.4	3.40	4.51	3.16	YES	NO	
L0002008	0	0.50968E-03	472440.2	3771283.3	301.3	3.40	4.51	3.16	YES	NO	
L0002009	0	0.50968E-03	472435.6	3771291.9	301.3	3.40	4.51	3.16	YES	NO	
L0002010	0	0.50968E-03	472431.1	3771300.5	301.3	3.40	4.51	3.16	YES	NO	
L0002011	0	0.50968E-03	472426.6	3771309.1	301.4	3.40	4.51	3.16	YES	NO	
L0002012	0	0.50968E-03	472422.1	3771317.7	301.3	3.40	4.51	3.16	YES	NO	
L0002013	0	0.50968E-03	472417.6	3771326.3	301.1	3.40	4.51	3.16	YES	NO	
L0002014	0	0.50968E-03	472413.1	3771334.8	301.0	3.40	4.51	3.16	YES	NO	
L0002015	0	0.50968E-03	472408.6	3771343.4	301.1	3.40	4.51	3.16	YES	NO	
L0002016	0	0.50968E-03	472404.1	3771352.0	301.1	3.40	4.51	3.16	YES	NO	
L0002017	0	0.50968E-03	472399.6	3771360.6	301.1	3.40	4.51	3.16	YES	NO	
L0002018	0	0.50968E-03	472395.1	3771369.2	301.2	3.40	4.51	3.16	YES	NO	
L0002019	0	0.50968E-03	472390.6	3771377.8	301.1	3.40	4.51				

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3.16     YES                    NO
 L0002020         0   0.50968E-03  472386.1 3771386.4   300.9     3.40     4.51
3.16     YES                    NO
 L0002021         0   0.50968E-03  472381.6 3771395.0   301.2     3.40     4.51
3.16     YES                    NO
 L0002022         0   0.50968E-03  472377.1 3771403.6   301.6     3.40     4.51
3.16     YES                    NO
 L0002023         0   0.50968E-03  472372.6 3771412.2   301.8     3.40     4.51
3.16     YES                    NO
 L0002024         0   0.50968E-03  472368.0 3771420.7   301.7     3.40     4.51
3.16     YES                    NO
 L0002025         0   0.50968E-03  472363.5 3771429.3   301.9     3.40     4.51
3.16     YES                    NO
 L0002026         0   0.50968E-03  472359.0 3771437.9   302.2     3.40     4.51
3.16     YES                    NO
 L0002027         0   0.50968E-03  472354.5 3771446.5   302.4     3.40     4.51
3.16     YES                    NO
 L0002028         0   0.50968E-03  472350.0 3771455.1   302.7     3.40     4.51
3.16     YES                    NO
 L0002029         0   0.50968E-03  472345.5 3771463.7   302.9     3.40     4.51
3.16     YES                    NO
 L0002030         0   0.50968E-03  472341.0 3771472.3   303.0     3.40     4.51
3.16     YES                    NO
 L0002031         0   0.50968E-03  472336.5 3771480.9   302.8     3.40     4.51
3.16     YES                    NO
 L0002032         0   0.50968E-03  472332.0 3771489.5   303.3     3.40     4.51
3.16     YES                    NO
 L0002033         0   0.50968E-03  472327.5 3771498.0   303.7     3.40     4.51
3.16     YES                    NO
 L0002034         0   0.50968E-03  472323.0 3771506.6   303.9     3.40     4.51
3.16     YES                    NO
 L0002035         0   0.50968E-03  472318.5 3771515.2   303.9     3.40     4.51
3.16     YES                    NO
 L0002036         0   0.50968E-03  472314.0 3771523.8   304.0     3.40     4.51
3.16     YES                    NO
 L0002037         0   0.50968E-03  472309.5 3771532.4   304.2     3.40     4.51
3.16     YES                    NO
 L0002038         0   0.50968E-03  472305.0 3771541.0   304.6     3.40     4.51
3.16     YES                    NO
 L0002039         0   0.50968E-03  472300.4 3771549.6   304.9     3.40     4.51
3.16     YES                    NO
 L0002040         0   0.50968E-03  472295.9 3771558.2   305.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0002041	0	0.50968E-03	472291.4	3771566.8	305.2	3.40	4.51	3.16	YES	NO	
L0002042	0	0.50968E-03	472286.9	3771575.4	305.0	3.40	4.51	3.16	YES	NO	
L0002043	0	0.50968E-03	472282.4	3771583.9	305.6	3.40	4.51	3.16	YES	NO	
L0002044	0	0.50968E-03	472277.9	3771592.5	306.2	3.40	4.51	3.16	YES	NO	
L0002045	0	0.50968E-03	472273.4	3771601.1	306.5	3.40	4.51	3.16	YES	NO	
L0002046	0	0.50968E-03	472268.9	3771609.7	306.5	3.40	4.51	3.16	YES	NO	
L0002047	0	0.50968E-03	472264.4	3771618.3	306.7	3.40	4.51	3.16	YES	NO	
L0002048	0	0.50968E-03	472259.9	3771626.9	307.2	3.40	4.51	3.16	YES	NO	
L0002049	0	0.50968E-03	472255.4	3771635.5	307.7	3.40	4.51	3.16	YES	NO	
L0002050	0	0.50968E-03	472250.9	3771644.1	308.1	3.40	4.51	3.16	YES	NO	
L0002051	0	0.50968E-03	472246.4	3771652.7	308.4	3.40	4.51	3.16	YES	NO	
L0002052	0	0.50968E-03	472241.9	3771661.3	308.3	3.40	4.51	3.16	YES	NO	
L0002053	0	0.50968E-03	472237.4	3771669.8	308.0	3.40	4.51	3.16	YES	NO	
L0002054	0	0.50968E-03	472232.8	3771678.4	307.9	3.40	4.51	3.16	YES	NO	
L0002055	0	0.50968E-03	472228.3	3771687.0	308.1	3.40	4.51	3.16	YES	NO	
L0002056	0	0.50968E-03	472223.8	3771695.6	308.1	3.40	4.51	3.16	YES	NO	
L0002057	0	0.50968E-03	472219.3	3771704.2	307.9	3.40	4.51	3.16	YES	NO	
L0002058	0	0.50968E-03	472214.8	3771712.8	307.7	3.40	4.51	3.16	YES	NO	
L0002059	0	0.50968E-03	472210.3	3771721.4	307.2	3.40	4.51				

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3.16     YES                    NO
 L0002060         0   0.50968E-03  472205.8 3771730.0   307.2     3.40     4.51
3.16     YES                    NO
 L0002061         0   0.50968E-03  472201.3 3771738.6   307.6     3.40     4.51
3.16     YES                    NO
 L0002062         0   0.50968E-03  472198.2 3771747.6   307.9     3.40     4.51
3.16     YES                    NO
 L0002063         0   0.50968E-03  472196.4 3771757.2   308.2     3.40     4.51
3.16     YES                    NO
 L0002064         0   0.50968E-03  472194.7 3771766.7   308.4     3.40     4.51
3.16     YES                    NO
 L0002065         0   0.50968E-03  472193.0 3771776.2   308.5     3.40     4.51
3.16     YES                    NO
 L0002066         0   0.50968E-03  472191.2 3771785.8   308.6     3.40     4.51
3.16     YES                    NO
 L0002067         0   0.50968E-03  472189.5 3771795.3   308.6     3.40     4.51
3.16     YES                    NO
 L0002068         0   0.50968E-03  472187.8 3771804.9   308.5     3.40     4.51
3.16     YES                    NO
 L0002069         0   0.50968E-03  472186.0 3771814.4   308.5     3.40     4.51
3.16     YES                    NO
 L0002070         0   0.50968E-03  472184.3 3771824.0   308.5     3.40     4.51
3.16     YES                    NO
 L0002071         0   0.50968E-03  472182.5 3771833.5   308.5     3.40     4.51
3.16     YES                    NO
 L0002072         0   0.50968E-03  472180.8 3771843.1   308.7     3.40     4.51
3.16     YES                    NO
 L0002073         0   0.50968E-03  472179.1 3771852.6   308.9     3.40     4.51
3.16     YES                    NO
 L0002074         0   0.50968E-03  472177.3 3771862.1   309.0     3.40     4.51
3.16     YES                    NO
 L0002075         0   0.50968E-03  472175.6 3771871.7   309.2     3.40     4.51
3.16     YES                    NO
 L0002076         0   0.50968E-03  472173.9 3771881.2   309.3     3.40     4.51
3.16     YES                    NO
 L0002077         0   0.50968E-03  472172.1 3771890.8   309.4     3.40     4.51
3.16     YES                    NO
 L0002078         0   0.50968E-03  472170.7 3771900.3   309.5     3.40     4.51
3.16     YES                    NO
 L0002079         0   0.50968E-03  472170.7 3771910.0   309.7     3.40     4.51
3.16     YES                    NO
 L0002080         0   0.50968E-03  472170.7 3771919.7   309.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY CATS. BY	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT
L0002081	0	0.50968E-03	472170.7	3771929.4	309.9	3.40	4.51	3.16	YES	NO
L0002082	0	0.50968E-03	472170.7	3771939.1	310.0	3.40	4.51	3.16	YES	NO
L0002083	0	0.50968E-03	472170.7	3771948.8	310.2	3.40	4.51	3.16	YES	NO
L0002084	0	0.50968E-03	472170.7	3771958.5	310.3	3.40	4.51	3.16	YES	NO
L0002085	0	0.50968E-03	472170.7	3771968.2	310.4	3.40	4.51	3.16	YES	NO
L0002086	0	0.50968E-03	472170.7	3771977.9	310.6	3.40	4.51	3.16	YES	NO
L0002087	0	0.50968E-03	472170.7	3771987.6	310.7	3.40	4.51	3.16	YES	NO
L0002088	0	0.50968E-03	472170.7	3771997.3	310.8	3.40	4.51	3.16	YES	NO
L0002089	0	0.50968E-03	472170.7	3772007.0	311.0	3.40	4.51	3.16	YES	NO
L0002090	0	0.50968E-03	472170.7	3772016.7	311.1	3.40	4.51	3.16	YES	NO
L0002091	0	0.50968E-03	472170.7	3772026.4	311.2	3.40	4.51	3.16	YES	NO
L0002092	0	0.50968E-03	472170.7	3772036.1	311.3	3.40	4.51	3.16	YES	NO
L0002093	0	0.50968E-03	472170.7	3772045.8	311.4	3.40	4.51	3.16	YES	NO
L0002094	0	0.50968E-03	472170.7	3772055.5	311.5	3.40	4.51	3.16	YES	NO
L0002095	0	0.50968E-03	472170.7	3772065.2	311.6	3.40	4.51	3.16	YES	NO
L0002096	0	0.50968E-03	472170.7	3772074.9	311.8	3.40	4.51	3.16	YES	NO
L0002097	0	0.50968E-03	472170.7	3772084.6	311.9	3.40	4.51	3.16	YES	NO
L0002098	0	0.50968E-03	472170.7	3772094.3	312.0	3.40	4.51	3.16	YES	NO
L0002099	0	0.50968E-03	472170.7	3772104.0	312.1	3.40	4.51			

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3.16     YES                    NO
 L0002100         0   0.50968E-03  472170.7 3772113.7   312.2     3.40     4.51
3.16     YES                    NO
 L0002101         0   0.50968E-03  472170.7 3772123.4   312.4     3.40     4.51
3.16     YES                    NO
 L0002102         0   0.50968E-03  472170.7 3772133.1   312.5     3.40     4.51
3.16     YES                    NO
 L0002103         0   0.50968E-03  472170.7 3772142.8   312.6     3.40     4.51
3.16     YES                    NO
 L0002104         0   0.50968E-03  472170.7 3772152.5   312.8     3.40     4.51
3.16     YES                    NO
 L0002105         0   0.50968E-03  472170.7 3772162.2   312.9     3.40     4.51
3.16     YES                    NO
 L0002106         0   0.50968E-03  472170.7 3772171.9   313.1     3.40     4.51
3.16     YES                    NO
 L0002107         0   0.50968E-03  472170.7 3772181.6   313.3     3.40     4.51
3.16     YES                    NO
 L0002108         0   0.50968E-03  472170.7 3772191.3   313.5     3.40     4.51
3.16     YES                    NO
 L0002109         0   0.50968E-03  472170.7 3772201.0   313.8     3.40     4.51
3.16     YES                    NO
 L0002110         0   0.50968E-03  472170.7 3772210.7   314.1     3.40     4.51
3.16     YES                    NO
 L0002111         0   0.50968E-03  472170.7 3772220.4   314.4     3.40     4.51
3.16     YES                    NO
 L0002112         0   0.50968E-03  472170.7 3772230.1   314.6     3.40     4.51
3.16     YES                    NO
 L0002113         0   0.50968E-03  472170.7 3772239.8   314.9     3.40     4.51
3.16     YES                    NO
 L0002114         0   0.50968E-03  472170.7 3772249.5   315.1     3.40     4.51
3.16     YES                    NO
 L0002115         0   0.50968E-03  472170.7 3772259.2   315.4     3.40     4.51
3.16     YES                    NO
 L0002116         0   0.50968E-03  472170.7 3772268.9   315.6     3.40     4.51
3.16     YES                    NO
 L0002117         0   0.50968E-03  472170.7 3772278.6   315.8     3.40     4.51
3.16     YES                    NO
 L0002118         0   0.50968E-03  472170.7 3772288.3   316.0     3.40     4.51
3.16     YES                    NO
 L0002119         0   0.50968E-03  472170.7 3772298.0   316.1     3.40     4.51
3.16     YES                    NO
 L0002120         0   0.50968E-03  472170.7 3772307.7   316.3     3.40     4.51
3.16     YES                    NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0002121	0	0.50968E-03	472170.7	3772317.4	316.5	3.40	4.51	3.16	YES	NO	
L0002122	0	0.50968E-03	472170.7	3772327.1	316.6	3.40	4.51	3.16	YES	NO	
L0002123	0	0.50968E-03	472170.7	3772336.8	316.7	3.40	4.51	3.16	YES	NO	
L0002124	0	0.50968E-03	472170.7	3772346.5	316.8	3.40	4.51	3.16	YES	NO	
L0002125	0	0.50968E-03	472170.7	3772356.2	316.2	3.40	4.51	3.16	YES	NO	
L0002126	0	0.50968E-03	472170.7	3772365.9	315.6	3.40	4.51	3.16	YES	NO	
L0002127	0	0.50968E-03	472170.7	3772375.6	315.1	3.40	4.51	3.16	YES	NO	
L0002128	0	0.50968E-03	472170.7	3772385.3	314.1	3.40	4.51	3.16	YES	NO	
L0002129	0	0.50968E-03	472170.7	3772395.0	313.1	3.40	4.51	3.16	YES	NO	
L0002130	0	0.50968E-03	472170.7	3772404.7	312.0	3.40	4.51	3.16	YES	NO	
L0002131	0	0.50968E-03	472170.7	3772414.4	312.7	3.40	4.51	3.16	YES	NO	
L0002132	0	0.50968E-03	472170.7	3772424.1	313.9	3.40	4.51	3.16	YES	NO	
L0002133	0	0.50968E-03	472170.7	3772433.8	315.1	3.40	4.51	3.16	YES	NO	
L0002134	0	0.50968E-03	472170.7	3772443.5	315.8	3.40	4.51	3.16	YES	NO	
L0002135	0	0.50968E-03	472170.7	3772453.2	316.2	3.40	4.51	3.16	YES	NO	
L0002136	0	0.50968E-03	472170.7	3772462.9	316.6	3.40	4.51	3.16	YES	NO	
L0002137	0	0.50968E-03	472170.7	3772472.6	316.8	3.40	4.51	3.16	YES	NO	
L0002138	0	0.50968E-03	472170.7	3772482.3	316.7	3.40	4.51	3.16	YES	NO	
L0002139	0	0.50968E-03	472170.7	3772492.0	316.6	3.40	4.51				

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3.16     YES                    NO
 L0002140         0   0.50968E-03  472170.7 3772501.7   316.4     3.40     4.51
3.16     YES                    NO
 L0002141         0   0.50968E-03  472170.7 3772511.4   316.2     3.40     4.51
3.16     YES                    NO
 L0002142         0   0.50968E-03  472170.7 3772521.1   316.1     3.40     4.51
3.16     YES                    NO
 L0002143         0   0.50968E-03  472170.7 3772530.8   315.9     3.40     4.51
3.16     YES                    NO
 L0002144         0   0.50968E-03  472170.7 3772540.5   315.7     3.40     4.51
3.16     YES                    NO
 L0002145         0   0.50968E-03  472170.7 3772550.2   315.6     3.40     4.51
3.16     YES                    NO
 L0002146         0   0.50968E-03  472170.7 3772559.9   315.4     3.40     4.51
3.16     YES                    NO
 L0002147         0   0.50968E-03  472170.7 3772569.6   315.2     3.40     4.51
3.16     YES                    NO
 L0002148         0   0.50968E-03  472170.7 3772579.3   315.1     3.40     4.51
3.16     YES                    NO
 L0002149         0   0.50968E-03  472170.7 3772589.0   314.9     3.40     4.51
3.16     YES                    NO
 L0002150         0   0.50968E-03  472170.7 3772598.7   314.8     3.40     4.51
3.16     YES                    NO
 L0002151         0   0.50968E-03  472170.7 3772608.4   314.8     3.40     4.51
3.16     YES                    NO
 L0002152         0   0.50968E-03  472170.7 3772618.1   314.7     3.40     4.51
3.16     YES                    NO
 L0002153         0   0.50968E-03  472170.7 3772627.8   314.6     3.40     4.51
3.16     YES                    NO
 L0002154         0   0.50968E-03  472170.7 3772637.5   314.6     3.40     4.51
3.16     YES                    NO
 L0002155         0   0.50968E-03  472170.7 3772647.2   314.6     3.40     4.51
3.16     YES                    NO
 L0002156         0   0.50968E-03  472170.7 3772656.9   314.6     3.40     4.51
3.16     YES                    NO
 L0002157         0   0.50968E-03  472170.7 3772666.6   314.6     3.40     4.51
3.16     YES                    NO
 L0002158         0   0.50968E-03  472170.7 3772676.3   314.6     3.40     4.51
3.16     YES                    NO
 L0002159         0   0.50968E-03  472170.7 3772686.0   314.6     3.40     4.51
3.16     YES                    NO
 L0002160         0   0.50968E-03  472170.7 3772695.7   314.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

                                  PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0002161	0	0.50968E-03	472170.7	3772705.4	314.7	3.40	4.51	3.16	YES	NO	
L0002162	0	0.50968E-03	472170.7	3772715.1	314.7	3.40	4.51	3.16	YES	NO	
L0002163	0	0.50968E-03	472170.7	3772724.8	314.8	3.40	4.51	3.16	YES	NO	
L0002164	0	0.50968E-03	472170.7	3772734.5	314.8	3.40	4.51	3.16	YES	NO	
L0002165	0	0.50968E-03	472170.7	3772744.2	314.8	3.40	4.51	3.16	YES	NO	
L0002166	0	0.50968E-03	472170.7	3772753.9	314.2	3.40	4.51	3.16	YES	NO	
L0002167	0	0.50968E-03	472170.7	3772763.6	313.4	3.40	4.51	3.16	YES	NO	
L0002168	0	0.50968E-03	472170.7	3772773.3	312.6	3.40	4.51	3.16	YES	NO	
L0002169	0	0.50968E-03	472170.7	3772783.0	312.0	3.40	4.51	3.16	YES	NO	
L0002170	0	0.50968E-03	472170.7	3772792.7	311.5	3.40	4.51	3.16	YES	NO	
L0002171	0	0.50968E-03	472170.7	3772802.4	311.0	3.40	4.51	3.16	YES	NO	
L0002172	0	0.50968E-03	472170.7	3772812.1	311.4	3.40	4.51	3.16	YES	NO	
L0002173	0	0.50968E-03	472170.7	3772821.8	312.8	3.40	4.51	3.16	YES	NO	
L0002174	0	0.50968E-03	472170.7	3772831.5	314.2	3.40	4.51	3.16	YES	NO	
L0002175	0	0.50968E-03	472170.7	3772841.2	315.3	3.40	4.51	3.16	YES	NO	
L0002176	0	0.50968E-03	472170.7	3772850.9	315.4	3.40	4.51	3.16	YES	NO	
L0002177	0	0.50968E-03	472170.7	3772860.6	315.6	3.40	4.51	3.16	YES	NO	
L0002178	0	0.50968E-03	472170.7	3772870.3	315.7	3.40	4.51	3.16	YES	NO	
L0002179	0	0.50968E-03	472170.7	3772880.0	315.8	3.40	4.51				

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3.16     YES                    NO
 L0002180         0   0.50968E-03  472170.7 3772889.7   315.9     3.40     4.51
3.16     YES                    NO
 L0002181         0   0.50968E-03  472170.7 3772899.4   315.9     3.40     4.51
3.16     YES                    NO
 L0002182         0   0.50968E-03  472170.7 3772909.1   316.1     3.40     4.51
3.16     YES                    NO
 L0002183         0   0.50968E-03  472170.7 3772918.8   316.2     3.40     4.51
3.16     YES                    NO
 L0002184         0   0.50968E-03  472170.7 3772928.5   316.3     3.40     4.51
3.16     YES                    NO
 L0002185         0   0.50968E-03  472170.7 3772938.2   316.5     3.40     4.51
3.16     YES                    NO
 L0002186         0   0.50968E-03  472170.7 3772947.9   316.7     3.40     4.51
3.16     YES                    NO
 L0002187         0   0.50968E-03  472170.7 3772957.6   316.9     3.40     4.51
3.16     YES                    NO
 L0002188         0   0.50968E-03  472170.7 3772967.3   317.2     3.40     4.51
3.16     YES                    NO
 L0002189         0   0.50968E-03  472170.7 3772977.0   317.5     3.40     4.51
3.16     YES                    NO
 L0002190         0   0.50968E-03  472170.7 3772986.7   317.8     3.40     4.51
3.16     YES                    NO
 L0002191         0   0.50968E-03  472170.7 3772996.4   318.1     3.40     4.51
3.16     YES                    NO
 L0002192         0   0.50968E-03  472170.7 3773006.1   318.4     3.40     4.51
3.16     YES                    NO
 L0002193         0   0.50968E-03  472170.7 3773015.8   318.8     3.40     4.51
3.16     YES                    NO
 L0002194         0   0.50968E-03  472170.7 3773025.5   319.1     3.40     4.51
3.16     YES                    NO
 L0002195         0   0.50968E-03  472170.7 3773035.2   319.4     3.40     4.51
3.16     YES                    NO
 L0002196         0   0.50968E-03  472170.7 3773044.9   319.8     3.40     4.51
3.16     YES                    NO
 L0002197         0   0.50968E-03  472170.7 3773054.6   320.1     3.40     4.51
3.16     YES                    NO
 L0002198         0   0.50968E-03  472170.7 3773064.3   320.5     3.40     4.51
3.16     YES                    NO
 L0002199         0   0.50968E-03  472170.7 3773074.0   320.9     3.40     4.51
3.16     YES                    NO
 L0002200         0   0.50968E-03  472170.7 3773083.7   321.2     3.40     4.51
3.16     YES                    NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0002201	0	0.50968E-03	472170.7	3773093.4	321.6	3.40	4.51	3.16	YES	NO	
L0002202	0	0.50968E-03	472170.7	3773103.1	321.9	3.40	4.51	3.16	YES	NO	
L0002203	0	0.50968E-03	472170.7	3773112.8	322.3	3.40	4.51	3.16	YES	NO	
L0002204	0	0.50968E-03	472170.7	3773122.5	322.6	3.40	4.51	3.16	YES	NO	
L0002205	0	0.50968E-03	472170.7	3773132.2	322.9	3.40	4.51	3.16	YES	NO	
L0002206	0	0.50968E-03	472170.7	3773141.9	323.2	3.40	4.51	3.16	YES	NO	
L0002207	0	0.50968E-03	472170.7	3773151.6	323.4	3.40	4.51	3.16	YES	NO	
L0002208	0	0.50968E-03	472170.7	3773161.3	323.7	3.40	4.51	3.16	YES	NO	
L0002209	0	0.50968E-03	472170.7	3773171.0	323.9	3.40	4.51	3.16	YES	NO	
L0002210	0	0.50968E-03	472170.7	3773180.7	324.2	3.40	4.51	3.16	YES	NO	
L0002211	0	0.50968E-03	472170.7	3773190.4	324.6	3.40	4.51	3.16	YES	NO	
L0002212	0	0.50968E-03	472170.7	3773200.1	324.9	3.40	4.51	3.16	YES	NO	
L0002213	0	0.50968E-03	472170.7	3773209.8	325.0	3.40	4.51	3.16	YES	NO	
L0002214	0	0.50968E-03	472170.7	3773219.5	324.4	3.40	4.51	3.16	YES	NO	
L0002215	0	0.50968E-03	472170.7	3773229.2	323.9	3.40	4.51	3.16	YES	NO	
L0002216	0	0.50968E-03	472170.7	3773238.9	323.3	3.40	4.51	3.16	YES	NO	
L0002217	0	0.50968E-03	472170.6	3773248.6	323.0	3.40	4.51	3.16	YES	NO	
L0002218	0	0.50968E-03	472170.5	3773258.3	322.8	3.40	4.51	3.16	YES	NO	
L0002219	0	0.50968E-03	472170.4	3773268.0	322.5	3.40	4.51				

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3.16     YES                    NO
 L0002220         0   0.50968E-03  472170.3 3773277.7   323.7     3.40     4.51
3.16     YES                    NO
 L0002221         0   0.50968E-03  472170.1 3773287.4   325.2     3.40     4.51
3.16     YES                    NO
 L0002222         0   0.50968E-03  472170.0 3773297.1   326.7     3.40     4.51
3.16     YES                    NO
 L0002223         0   0.50968E-03  472169.9 3773306.8   327.2     3.40     4.51
3.16     YES                    NO
 L0002224         0   0.50968E-03  472169.8 3773316.5   327.4     3.40     4.51
3.16     YES                    NO
 L0002225         0   0.50968E-03  472169.7 3773326.2   327.5     3.40     4.51
3.16     YES                    NO
 L0002226         0   0.50968E-03  472169.6 3773335.9   326.9     3.40     4.51
3.16     YES                    NO
 L0002227         0   0.50968E-03  472169.5 3773345.6   325.6     3.40     4.51
3.16     YES                    NO
 L0002228         0   0.50968E-03  472169.4 3773355.3   324.2     3.40     4.51
3.16     YES                    NO
 L0002229         0   0.50968E-03  472169.3 3773365.0   323.6     3.40     4.51
3.16     YES                    NO
 L0002230         0   0.50968E-03  472169.2 3773374.7   324.5     3.40     4.51
3.16     YES                    NO
 L0002231         0   0.50968E-03  472169.0 3773384.4   325.4     3.40     4.51
3.16     YES                    NO
 L0002232         0   0.50968E-03  472168.9 3773394.1   326.2     3.40     4.51
3.16     YES                    NO
 L0002233         0   0.50968E-03  472168.8 3773403.8   326.9     3.40     4.51
3.16     YES                    NO
 L0002234         0   0.50968E-03  472168.7 3773413.5   327.5     3.40     4.51
3.16     YES                    NO
 L0002235         0   0.50968E-03  472168.6 3773423.2   328.1     3.40     4.51
3.16     YES                    NO
 L0002236         0   0.50968E-03  472168.5 3773432.9   328.1     3.40     4.51
3.16     YES                    NO
 L0002237         0   0.50968E-03  472168.4 3773442.6   328.2     3.40     4.51
3.16     YES                    NO
 L0002238         0   0.50968E-03  472168.3 3773452.3   328.2     3.40     4.51
3.16     YES                    NO
 L0002239         0   0.50968E-03  472168.2 3773462.0   328.3     3.40     4.51
3.16     YES                    NO
 L0002240         0   0.50968E-03  472168.0 3773471.7   328.4     3.40     4.51
3.16     YES                    NO
*** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0002241	0	0.50968E-03	472167.9	3773481.4	328.4	3.40	4.51	3.16	YES	NO
L0002242	0	0.50968E-03	472167.8	3773491.1	328.5	3.40	4.51	3.16	YES	NO
L0002243	0	0.50968E-03	472167.7	3773500.8	328.6	3.40	4.51	3.16	YES	NO
L0002244	0	0.50968E-03	472167.6	3773510.5	328.6	3.40	4.51	3.16	YES	NO
L0002245	0	0.50968E-03	472167.5	3773520.2	328.2	3.40	4.51	3.16	YES	NO
L0002246	0	0.50968E-03	472167.4	3773529.9	327.3	3.40	4.51	3.16	YES	NO
L0002247	0	0.50968E-03	472167.3	3773539.6	326.3	3.40	4.51	3.16	YES	NO
L0002248	0	0.50968E-03	472167.2	3773549.3	325.4	3.40	4.51	3.16	YES	NO
L0002249	0	0.50968E-03	472167.0	3773559.0	324.4	3.40	4.51	3.16	YES	NO
L0002250	0	0.50968E-03	472166.9	3773568.7	323.4	3.40	4.51	3.16	YES	NO
L0002251	0	0.50968E-03	472166.8	3773578.4	322.6	3.40	4.51	3.16	YES	NO
L0002252	0	0.50968E-03	472166.7	3773588.1	324.0	3.40	4.51	3.16	YES	NO
L0002253	0	0.50968E-03	472166.6	3773597.8	325.4	3.40	4.51	3.16	YES	NO
L0002254	0	0.50968E-03	472166.5	3773607.5	326.8	3.40	4.51	3.16	YES	NO
L0002255	0	0.50968E-03	472166.4	3773617.2	327.7	3.40	4.51	3.16	YES	NO
L0002256	0	0.50968E-03	472166.3	3773626.9	328.6	3.40	4.51	3.16	YES	NO
L0002257	0	0.50968E-03	472166.2	3773636.6	329.5	3.40	4.51	3.16	YES	NO
L0002258	0	0.50968E-03	472166.0	3773646.3	329.8	3.40	4.51	3.16	YES	NO
L0002259	0	0.50968E-03	472165.9	3773656.0	329.8	3.40	4.51			

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3.16     YES                    NO
 L0002260         0   0.50968E-03  472165.8 3773665.7   329.9     3.40     4.51
3.16     YES                    NO
 L0002261         0   0.50968E-03  472165.7 3773675.4   329.9     3.40     4.51
3.16     YES                    NO
 L0002262         0   0.50968E-03  472165.6 3773685.1   329.9     3.40     4.51
3.16     YES                    NO
 L0002263         0   0.50968E-03  472165.5 3773694.8   330.0     3.40     4.51
3.16     YES                    NO
 L0002264         0   0.50968E-03  472165.4 3773704.5   329.9     3.40     4.51
3.16     YES                    NO
 L0002265         0   0.50968E-03  472165.3 3773714.2   329.7     3.40     4.51
3.16     YES                    NO
 L0002266         0   0.50968E-03  472165.2 3773723.9   329.6     3.40     4.51
3.16     YES                    NO
 L0002267         0   0.50968E-03  472164.8 3773733.6   329.2     3.40     4.51
3.16     YES                    NO
 L0002268         0   0.50968E-03  472163.7 3773743.2   328.1     3.40     4.51
3.16     YES                    NO
 L0002269         0   0.50968E-03  472162.6 3773752.9   326.8     3.40     4.51
3.16     YES                    NO
 L0002270         0   0.50968E-03  472161.5 3773762.5   325.4     3.40     4.51
3.16     YES                    NO
 L0002271         0   0.50968E-03  472160.4 3773772.1   325.5     3.40     4.51
3.16     YES                    NO
 L0002272         0   0.50968E-03  472159.4 3773781.8   325.7     3.40     4.51
3.16     YES                    NO
 L0002273         0   0.50968E-03  472158.3 3773791.4   325.8     3.40     4.51
3.16     YES                    NO
 L0002274         0   0.50968E-03  472157.2 3773801.1   326.9     3.40     4.51
3.16     YES                    NO
 L0002275         0   0.50968E-03  472156.1 3773810.7   328.4     3.40     4.51
3.16     YES                    NO
 L0002276         0   0.50968E-03  472155.0 3773820.3   329.9     3.40     4.51
3.16     YES                    NO
 L0002277         0   0.50968E-03  472153.9 3773830.0   330.5     3.40     4.51
3.16     YES                    NO
 L0002278         0   0.78864E-03  465374.1 3764030.4   263.5     3.40     4.51
3.16     YES                    NO
 L0002279         0   0.78864E-03  465373.4 3764020.8   263.2     3.40     4.51
3.16     YES                    NO
 L0002280         0   0.78864E-03  465372.6 3764011.1   262.8     3.40     4.51
3.16     YES                    NO
*** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0002281	0	0.78864E-03	465371.9	3764001.4	262.4	3.40	4.51	3.16	YES	NO
L0002282	0	0.78864E-03	465371.2	3763991.8	262.0	3.40	4.51	3.16	YES	NO
L0002283	0	0.78864E-03	465367.0	3763984.4	261.4	3.40	4.51	3.16	YES	NO
L0002284	0	0.78864E-03	465358.4	3763980.0	261.6	3.40	4.51	3.16	YES	NO
L0002285	0	0.78864E-03	465349.7	3763975.7	261.9	3.40	4.51	3.16	YES	NO
L0002286	0	0.78864E-03	465341.0	3763971.4	262.4	3.40	4.51	3.16	YES	NO
L0002287	0	0.78864E-03	465332.3	3763967.0	262.8	3.40	4.51	3.16	YES	NO
L0002288	0	0.78864E-03	465323.0	3763965.4	263.2	3.40	4.51	3.16	YES	NO
L0002289	0	0.78864E-03	465313.3	3763965.4	263.8	3.40	4.51	3.16	YES	NO
L0002290	0	0.78864E-03	465303.6	3763965.4	264.1	3.40	4.51	3.16	YES	NO
L0002291	0	0.78864E-03	465293.9	3763965.4	264.4	3.40	4.51	3.16	YES	NO
L0002292	0	0.78864E-03	465284.2	3763965.4	264.7	3.40	4.51	3.16	YES	NO
L0002293	0	0.78864E-03	465274.5	3763965.4	265.0	3.40	4.51	3.16	YES	NO
L0002294	0	0.78864E-03	465264.8	3763965.4	265.4	3.40	4.51	3.16	YES	NO
L0002295	0	0.78864E-03	465255.1	3763965.4	265.8	3.40	4.51	3.16	YES	NO
L0002296	0	0.78864E-03	465245.4	3763965.4	266.1	3.40	4.51	3.16	YES	NO
L0002297	0	0.78864E-03	465238.1	3763962.8	266.3	3.40	4.51	3.16	YES	NO
L0002298	0	0.78864E-03	465237.3	3763953.1	266.3	3.40	4.51	3.16	YES	NO
L0002299	0	0.78864E-03	465236.5	3763943.4	266.2	3.40	4.51			

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3.16     YES                    NO
 L0002300         0   0.78864E-03  465235.6 3763933.8   266.2     3.40     4.51
3.16     YES                    NO
 L0002301         0   0.78864E-03  465234.8 3763924.1   266.2     3.40     4.51
3.16     YES                    NO
 L0002302         0   0.78864E-03  465233.9 3763914.5   266.2     3.40     4.51
3.16     YES                    NO
 L0002303         0   0.78864E-03  465233.1 3763904.8   266.2     3.40     4.51
3.16     YES                    NO
 L0002304         0   0.78864E-03  465232.2 3763895.1   266.1     3.40     4.51
3.16     YES                    NO
 L0002305         0   0.78864E-03  465231.4 3763885.5   266.1     3.40     4.51
3.16     YES                    NO
 L0002306         0   0.78864E-03  465230.6 3763875.8   266.1     3.40     4.51
3.16     YES                    NO
 L0002307         0   0.78864E-03  465229.7 3763866.1   266.0     3.40     4.51
3.16     YES                    NO
 L0002308         0   0.78864E-03  465228.9 3763856.5   265.9     3.40     4.51
3.16     YES                    NO
 L0002309         0   0.78864E-03  465226.2 3763847.3   265.9     3.40     4.51
3.16     YES                    NO
 L0002310         0   0.78864E-03  465222.3 3763838.4   265.9     3.40     4.51
3.16     YES                    NO
 L0002311         0   0.78864E-03  465218.4 3763829.5   265.5     3.40     4.51
3.16     YES                    NO
 L0002312         0   0.78864E-03  465214.6 3763820.6   265.4     3.40     4.51
3.16     YES                    NO
 L0002313         0   0.78864E-03  465209.8 3763812.5   265.6     3.40     4.51
3.16     YES                    NO
 L0002314         0   0.78864E-03  465201.4 3763807.6   265.8     3.40     4.51
3.16     YES                    NO
 L0002315         0   0.78864E-03  465193.0 3763802.8   266.0     3.40     4.51
3.16     YES                    NO
 L0002316         0   0.78864E-03  465184.6 3763798.0   266.2     3.40     4.51
3.16     YES                    NO
 L0002317         0   0.78864E-03  465176.2 3763793.1   266.4     3.40     4.51
3.16     YES                    NO
 L0002318         0   0.78864E-03  465167.8 3763788.3   266.5     3.40     4.51
3.16     YES                    NO
 L0002319         0   0.78864E-03  465159.4 3763783.5   266.7     3.40     4.51
3.16     YES                    NO
 L0002320         0   0.78864E-03  465150.7 3763779.1   266.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE VARY
L0002321	0	0.78864E-03	465141.6	3763775.8	266.9	3.40	4.51	3.16	YES	NO
L0002322	0	0.78864E-03	465132.5	3763772.4	267.2	3.40	4.51	3.16	YES	NO
L0002323	0	0.78864E-03	465123.4	3763769.0	267.4	3.40	4.51	3.16	YES	NO
L0002324	0	0.78864E-03	465113.9	3763768.0	267.7	3.40	4.51	3.16	YES	NO
L0002325	0	0.78864E-03	465104.2	3763768.0	268.1	3.40	4.51	3.16	YES	NO
L0002326	0	0.78864E-03	465094.5	3763768.1	268.4	3.40	4.51	3.16	YES	NO
L0002327	0	0.78864E-03	465084.8	3763768.1	268.7	3.40	4.51	3.16	YES	NO
L0002328	0	0.78864E-03	465075.1	3763768.1	268.9	3.40	4.51	3.16	YES	NO
L0002329	0	0.78864E-03	465065.4	3763768.1	269.2	3.40	4.51	3.16	YES	NO
L0002330	0	0.78864E-03	465055.7	3763768.2	269.4	3.40	4.51	3.16	YES	NO
L0002331	0	0.78864E-03	465046.0	3763768.2	269.5	3.40	4.51	3.16	YES	NO
L0002332	0	0.78864E-03	465036.3	3763768.2	269.7	3.40	4.51	3.16	YES	NO
L0002333	0	0.78864E-03	465026.6	3763768.2	269.8	3.40	4.51	3.16	YES	NO
L0002334	0	0.78864E-03	465016.9	3763768.3	269.9	3.40	4.51	3.16	YES	NO
L0002335	0	0.78864E-03	465007.2	3763768.3	270.0	3.40	4.51	3.16	YES	NO
L0002336	0	0.78864E-03	464997.5	3763768.3	270.1	3.40	4.51	3.16	YES	NO
L0002337	0	0.78864E-03	464987.8	3763768.3	270.2	3.40	4.51	3.16	YES	NO
L0002338	0	0.78864E-03	464978.1	3763768.4	270.2	3.40	4.51	3.16	YES	NO
L0002339	0	0.78864E-03	464968.4	3763768.4	270.2	3.40	4.51			

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3.16     YES                    NO
 L0002340         0   0.78864E-03  464958.7 3763768.4   270.2     3.40     4.51
3.16     YES                    NO
 L0002341         0   0.78864E-03  464949.0 3763768.4   270.2     3.40     4.51
3.16     YES                    NO
 L0002342         0   0.78864E-03  464939.3 3763768.5   270.0     3.40     4.51
3.16     YES                    NO
 L0002343         0   0.78864E-03  464929.6 3763768.5   269.9     3.40     4.51
3.16     YES                    NO
 L0002344         0   0.78864E-03  464919.9 3763768.5   270.0     3.40     4.51
3.16     YES                    NO
 L0002345         0   0.78864E-03  464910.2 3763768.5   270.1     3.40     4.51
3.16     YES                    NO
 L0002346         0   0.78864E-03  464900.5 3763768.6   270.3     3.40     4.51
3.16     YES                    NO
 L0002347         0   0.78864E-03  464890.8 3763768.6   270.3     3.40     4.51
3.16     YES                    NO
 L0002348         0   0.78864E-03  464881.1 3763768.6   270.4     3.40     4.51
3.16     YES                    NO
 L0002349         0   0.78864E-03  464871.4 3763768.6   270.4     3.40     4.51
3.16     YES                    NO
 L0002350         0   0.78864E-03  464861.7 3763768.7   270.4     3.40     4.51
3.16     YES                    NO
 L0002351         0   0.78864E-03  464852.0 3763768.7   270.4     3.40     4.51
3.16     YES                    NO
 L0002352         0   0.78864E-03  464842.3 3763768.7   270.5     3.40     4.51
3.16     YES                    NO
 L0002353         0   0.78864E-03  464832.6 3763768.7   270.5     3.40     4.51
3.16     YES                    NO
 L0002354         0   0.78864E-03  464822.9 3763768.8   270.5     3.40     4.51
3.16     YES                    NO
 L0002355         0   0.78864E-03  464813.2 3763768.8   270.5     3.40     4.51
3.16     YES                    NO
 L0002356         0   0.78864E-03  464803.5 3763768.8   270.5     3.40     4.51
3.16     YES                    NO
 L0002357         0   0.78864E-03  464793.8 3763768.8   270.5     3.40     4.51
3.16     YES                    NO
 L0002358         0   0.78864E-03  464784.1 3763768.8   270.4     3.40     4.51
3.16     YES                    NO
 L0002359         0   0.78864E-03  464774.4 3763768.9   270.4     3.40     4.51
3.16     YES                    NO
 L0002360         0   0.78864E-03  464764.7 3763768.9   270.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0002361	0	0.78864E-03	464755.0	3763768.9	270.2	3.40	4.51	3.16	YES	NO	
L0002362	0	0.78864E-03	464745.3	3763768.9	270.1	3.40	4.51	3.16	YES	NO	
L0002363	0	0.78864E-03	464735.6	3763769.0	270.0	3.40	4.51	3.16	YES	NO	
L0002364	0	0.78864E-03	464725.9	3763769.0	269.8	3.40	4.51	3.16	YES	NO	
L0002365	0	0.78864E-03	464716.2	3763769.0	269.7	3.40	4.51	3.16	YES	NO	
L0002366	0	0.78864E-03	464706.5	3763769.0	269.6	3.40	4.51	3.16	YES	NO	
L0002367	0	0.78864E-03	464696.8	3763769.1	269.4	3.40	4.51	3.16	YES	NO	
L0002368	0	0.78864E-03	464687.1	3763769.1	269.2	3.40	4.51	3.16	YES	NO	
L0002369	0	0.78864E-03	464677.4	3763769.1	268.9	3.40	4.51	3.16	YES	NO	
L0002370	0	0.78864E-03	464667.7	3763769.1	268.5	3.40	4.51	3.16	YES	NO	
L0002371	0	0.78864E-03	464658.0	3763769.2	267.9	3.40	4.51	3.16	YES	NO	
L0002372	0	0.78864E-03	464648.3	3763769.2	267.2	3.40	4.51	3.16	YES	NO	
L0002373	0	0.78864E-03	464638.6	3763769.2	266.4	3.40	4.51	3.16	YES	NO	
L0002374	0	0.78864E-03	464635.2	3763764.4	265.9	3.40	4.51	3.16	YES	NO	
L0002375	0	0.78864E-03	464637.9	3763755.1	265.7	3.40	4.51	3.16	YES	NO	
L0002376	0	0.78864E-03	464640.5	3763745.8	265.5	3.40	4.51	3.16	YES	NO	
L0002377	0	0.78864E-03	464643.1	3763736.4	265.1	3.40	4.51	3.16	YES	NO	
L0002378	0	0.78864E-03	464645.7	3763727.1	264.8	3.40	4.51	3.16	YES	NO	
L0002379	0	0.78864E-03	464648.3	3763717.7	264.6	3.40	4.51				

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3.16     YES                    NO
 L0002380         0   0.78864E-03  464650.9 3763708.4   264.3     3.40     4.51
3.16     YES                    NO
 L0002381         0   0.78864E-03  464653.5 3763699.0   263.9     3.40     4.51
3.16     YES                    NO
 L0002382         0   0.78864E-03  464656.1 3763689.7   263.6     3.40     4.51
3.16     YES                    NO
 L0002383         0   0.78864E-03  464658.8 3763680.4   263.1     3.40     4.51
3.16     YES                    NO
 L0002384         0   0.78864E-03  464661.4 3763671.0   262.5     3.40     4.51
3.16     YES                    NO
 L0002385         0   0.78864E-03  464664.0 3763661.7   261.9     3.40     4.51
3.16     YES                    NO
 L0002386         0   0.78864E-03  464666.2 3763652.3   261.2     3.40     4.51
3.16     YES                    NO
 L0002387         0   0.78864E-03  464667.6 3763642.7   260.4     3.40     4.51
3.16     YES                    NO
 L0002388         0   0.78864E-03  464669.0 3763633.1   259.6     3.40     4.51
3.16     YES                    NO
 L0002389         0   0.78864E-03  464670.4 3763623.5   258.9     3.40     4.51
3.16     YES                    NO
 L0002390         0   0.78864E-03  464671.8 3763613.9   258.6     3.40     4.51
3.16     YES                    NO
 L0002391         0   0.78864E-03  464672.9 3763604.3   258.2     3.40     4.51
3.16     YES                    NO
 L0002392         0   0.78864E-03  464669.9 3763595.1   256.9     3.40     4.51
3.16     YES                    NO
 L0002393         0   0.78864E-03  464666.8 3763585.9   256.4     3.40     4.51
3.16     YES                    NO
 L0002394         0   0.78864E-03  464663.7 3763576.7   256.0     3.40     4.51
3.16     YES                    NO
 L0002395         0   0.78864E-03  464658.0 3763569.7   255.7     3.40     4.51
3.16     YES                    NO
 L0002396         0   0.78864E-03  464649.4 3763565.3   255.4     3.40     4.51
3.16     YES                    NO
 L0002397         0   0.78864E-03  464640.8 3763560.9   255.2     3.40     4.51
3.16     YES                    NO
 L0002398         0   0.78864E-03  464632.1 3763556.5   254.9     3.40     4.51
3.16     YES                    NO
 L0002399         0   0.78864E-03  464623.5 3763552.1   254.7     3.40     4.51
3.16     YES                    NO
 L0002400         0   0.78864E-03  464614.9 3763547.6   254.4     3.40     4.51
3.16     YES                    NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0002401	0	0.78864E-03	464605.6	3763545.1	254.3	3.40	4.51	3.16	YES	NO
L0002402	0	0.78864E-03	464596.0	3763543.6	254.2	3.40	4.51	3.16	YES	NO
L0002403	0	0.78864E-03	464599.5	3763534.8	254.1	3.40	4.51	3.16	YES	NO
L0002404	0	0.78864E-03	464603.1	3763525.8	254.0	3.40	4.51	3.16	YES	NO
L0002405	0	0.78864E-03	464606.8	3763516.8	253.9	3.40	4.51	3.16	YES	NO
L0002406	0	0.78864E-03	464610.4	3763507.8	253.9	3.40	4.51	3.16	YES	NO
L0002407	0	0.78864E-03	464614.0	3763498.8	253.8	3.40	4.51	3.16	YES	NO
L0002408	0	0.78864E-03	464617.7	3763489.8	253.7	3.40	4.51	3.16	YES	NO
L0002409	0	0.78864E-03	464621.3	3763480.8	253.7	3.40	4.51	3.16	YES	NO
L0002410	0	0.78864E-03	464625.0	3763471.8	253.7	3.40	4.51	3.16	YES	NO
L0002411	0	0.78864E-03	464628.6	3763462.8	253.6	3.40	4.51	3.16	YES	NO
L0002412	0	0.78864E-03	464632.2	3763453.8	253.5	3.40	4.51	3.16	YES	NO
L0002413	0	0.78864E-03	464635.9	3763444.8	253.5	3.40	4.51	3.16	YES	NO
L0002414	0	0.78864E-03	464639.5	3763435.8	253.4	3.40	4.51	3.16	YES	NO
L0002415	0	0.78864E-03	464643.2	3763426.9	253.4	3.40	4.51	3.16	YES	NO
L0002416	0	0.78864E-03	464646.8	3763417.9	253.3	3.40	4.51	3.16	YES	NO
L0002417	0	0.78864E-03	464650.4	3763408.9	253.2	3.40	4.51	3.16	YES	NO
L0002418	0	0.78864E-03	464654.1	3763399.9	253.1	3.40	4.51	3.16	YES	NO
L0002419	0	0.78864E-03	464657.7	3763390.9	253.0	3.40	4.51			

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3.16     YES                    NO
 L0002420         0   0.78864E-03  464661.3 3763381.9   252.9     3.40     4.51
3.16     YES                    NO
 L0002421         0   0.78864E-03  464665.0 3763372.9   252.9     3.40     4.51
3.16     YES                    NO
 L0002422         0   0.78864E-03  464668.6 3763363.9   252.8     3.40     4.51
3.16     YES                    NO
 L0002423         0   0.78864E-03  464672.3 3763354.9   252.5     3.40     4.51
3.16     YES                    NO
 L0002424         0   0.78864E-03  464675.9 3763345.9   252.2     3.40     4.51
3.16     YES                    NO
 L0002425         0   0.78864E-03  464679.5 3763336.9   251.9     3.40     4.51
3.16     YES                    NO
 L0002426         0   0.78864E-03  464683.7 3763328.2   251.7     3.40     4.51
3.16     YES                    NO
 L0002427         0   0.78864E-03  464688.5 3763319.8   251.7     3.40     4.51
3.16     YES                    NO
 L0002428         0   0.78864E-03  464693.4 3763311.4   251.7     3.40     4.51
3.16     YES                    NO
 L0002429         0   0.78864E-03  464698.2 3763303.0   251.3     3.40     4.51
3.16     YES                    NO
 L0002430         0   0.78864E-03  464703.1 3763294.6   250.9     3.40     4.51
3.16     YES                    NO
 L0002431         0   0.78864E-03  464708.0 3763286.2   250.7     3.40     4.51
3.16     YES                    NO
 L0002432         0   0.78864E-03  464712.8 3763277.8   250.6     3.40     4.51
3.16     YES                    NO
 L0002433         0   0.78864E-03  464717.7 3763269.4   250.9     3.40     4.51
3.16     YES                    NO
 L0002434         0   0.78864E-03  464722.5 3763261.0   251.0     3.40     4.51
3.16     YES                    NO
 L0002435         0   0.78864E-03  464727.4 3763252.6   250.8     3.40     4.51
3.16     YES                    NO
 L0002436         0   0.78864E-03  464732.3 3763244.2   250.4     3.40     4.51
3.16     YES                    NO
 L0002437         0   0.78864E-03  464737.1 3763235.8   250.4     3.40     4.51
3.16     YES                    NO
 L0002438         0   0.78864E-03  464742.0 3763227.4   250.7     3.40     4.51
3.16     YES                    NO
 L0002439         0   0.78864E-03  464746.8 3763219.0   250.8     3.40     4.51
3.16     YES                    NO
 L0002440         0   0.78864E-03  464752.0 3763210.8   250.4     3.40     4.51
3.16     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0002441	0	0.78864E-03	464757.4	3763202.8	250.1	3.40	4.51	3.16	YES	NO	
L0002442	0	0.78864E-03	464762.9	3763194.8	250.2	3.40	4.51	3.16	YES	NO	
L0002443	0	0.78864E-03	464768.3	3763186.7	250.2	3.40	4.51	3.16	YES	NO	
L0002444	0	0.78864E-03	464773.7	3763178.7	250.1	3.40	4.51	3.16	YES	NO	
L0002445	0	0.78864E-03	464779.2	3763170.7	249.9	3.40	4.51	3.16	YES	NO	
L0002446	0	0.78864E-03	464784.6	3763162.6	249.9	3.40	4.51	3.16	YES	NO	
L0002447	0	0.78864E-03	464790.0	3763154.6	249.8	3.40	4.51	3.16	YES	NO	
L0002448	0	0.78864E-03	464795.4	3763146.5	250.1	3.40	4.51	3.16	YES	NO	
L0002449	0	0.78864E-03	464800.9	3763138.5	249.8	3.40	4.51	3.16	YES	NO	
L0002450	0	0.78864E-03	464806.3	3763130.5	249.5	3.40	4.51	3.16	YES	NO	
L0002451	0	0.78864E-03	464811.7	3763122.4	248.3	3.40	4.51	3.16	YES	NO	
L0002452	0	0.78864E-03	464817.2	3763114.4	247.1	3.40	4.51	3.16	YES	NO	
L0002453	0	0.78864E-03	464822.6	3763106.4	246.0	3.40	4.51	3.16	YES	NO	
L0002454	0	0.78864E-03	464828.0	3763098.3	245.1	3.40	4.51	3.16	YES	NO	
L0002455	0	0.78864E-03	464833.5	3763090.3	244.2	3.40	4.51	3.16	YES	NO	
L0002456	0	0.78864E-03	464838.9	3763082.2	243.6	3.40	4.51	3.16	YES	NO	
L0002457	0	0.78864E-03	464844.4	3763074.3	243.1	3.40	4.51	3.16	YES	NO	
L0002458	0	0.78864E-03	464850.0	3763066.4	242.8	3.40	4.51	3.16	YES	NO	
L0002459	0	0.78864E-03	464855.6	3763058.5	242.6	3.40	4.51				

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3.16     YES                    NO
 L0002460         0   0.78864E-03  464861.3 3763050.5   242.4     3.40     4.51
3.16     YES                    NO
 L0002461         0   0.78864E-03  464866.9 3763042.6   242.2     3.40     4.51
3.16     YES                    NO
 L0002462         0   0.78864E-03  464872.5 3763034.7   242.2     3.40     4.51
3.16     YES                    NO
 L0002463         0   0.78864E-03  464878.1 3763026.8   242.7     3.40     4.51
3.16     YES                    NO
 L0002464         0   0.78864E-03  464883.7 3763018.9   243.0     3.40     4.51
3.16     YES                    NO
 L0002465         0   0.78864E-03  464889.3 3763011.0   243.3     3.40     4.51
3.16     YES                    NO
 L0002466         0   0.78864E-03  464894.9 3763003.1   243.5     3.40     4.51
3.16     YES                    NO
 L0002467         0   0.78864E-03  464900.5 3762995.1   243.6     3.40     4.51
3.16     YES                    NO
 L0002468         0   0.78864E-03  464906.1 3762987.2   243.7     3.40     4.51
3.16     YES                    NO
 L0002469         0   0.78864E-03  464911.7 3762979.3   243.8     3.40     4.51
3.16     YES                    NO
 L0002470         0   0.78864E-03  464917.4 3762971.4   243.9     3.40     4.51
3.16     YES                    NO
 L0002471         0   0.78864E-03  464923.0 3762963.5   243.9     3.40     4.51
3.16     YES                    NO
 L0002472         0   0.78864E-03  464928.6 3762955.6   243.9     3.40     4.51
3.16     YES                    NO
 L0002473         0   0.78864E-03  464934.2 3762947.7   243.8     3.40     4.51
3.16     YES                    NO
 L0002474         0   0.78864E-03  464939.8 3762939.8   243.7     3.40     4.51
3.16     YES                    NO
 L0002475         0   0.78864E-03  464945.4 3762931.8   243.7     3.40     4.51
3.16     YES                    NO
 L0002476         0   0.78864E-03  464951.0 3762923.9   243.7     3.40     4.51
3.16     YES                    NO
 L0002477         0   0.78864E-03  464956.6 3762916.0   243.8     3.40     4.51
3.16     YES                    NO
 L0002478         0   0.78864E-03  464962.2 3762908.1   244.0     3.40     4.51
3.16     YES                    NO
 L0002479         0   0.78864E-03  464967.9 3762900.2   244.0     3.40     4.51
3.16     YES                    NO
 L0002480         0   0.78864E-03  464973.5 3762892.3   244.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0002481	0	0.78864E-03	464979.1	3762884.4	244.0	3.40	4.51	3.16	YES	NO	
L0002482	0	0.78864E-03	464984.7	3762876.5	243.9	3.40	4.51	3.16	YES	NO	
L0002483	0	0.78864E-03	464990.3	3762868.5	243.8	3.40	4.51	3.16	YES	NO	
L0002484	0	0.78864E-03	464995.9	3762860.6	243.8	3.40	4.51	3.16	YES	NO	
L0002485	0	0.78864E-03	465001.5	3762852.7	243.9	3.40	4.51	3.16	YES	NO	
L0002486	0	0.78864E-03	465007.1	3762844.8	244.8	3.40	4.51	3.16	YES	NO	
L0002487	0	0.78864E-03	465012.7	3762836.9	245.9	3.40	4.51	3.16	YES	NO	
L0002488	0	0.78864E-03	465018.3	3762829.0	247.2	3.40	4.51	3.16	YES	NO	
L0002489	0	0.78864E-03	465024.0	3762821.1	248.8	3.40	4.51	3.16	YES	NO	
L0002490	0	0.78864E-03	465029.6	3762813.1	249.0	3.40	4.51	3.16	YES	NO	
L0002491	0	0.78864E-03	465035.2	3762805.2	248.9	3.40	4.51	3.16	YES	NO	
L0002492	0	0.78864E-03	465040.8	3762797.3	248.8	3.40	4.51	3.16	YES	NO	
L0002493	0	0.78864E-03	465046.4	3762789.4	248.6	3.40	4.51	3.16	YES	NO	
L0002494	0	0.78864E-03	465052.0	3762781.5	248.6	3.40	4.51	3.16	YES	NO	
L0002495	0	0.78864E-03	465057.6	3762773.6	248.7	3.40	4.51	3.16	YES	NO	
L0002496	0	0.78864E-03	465063.2	3762765.7	248.7	3.40	4.51	3.16	YES	NO	
L0002497	0	0.78864E-03	465068.8	3762757.8	248.6	3.40	4.51	3.16	YES	NO	
L0002498	0	0.78864E-03	465074.4	3762749.8	248.5	3.40	4.51	3.16	YES	NO	
L0002499	0	0.78864E-03	465080.1	3762741.9	248.6	3.40	4.51				

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3.16     YES                    NO
 L0002500         0   0.78864E-03  465085.7 3762734.0   248.6     3.40     4.51
3.16     YES                    NO
 L0002501         0   0.78864E-03  465091.3 3762726.1   248.4     3.40     4.51
3.16     YES                    NO
 L0002502         0   0.78864E-03  465096.9 3762718.2   248.2     3.40     4.51
3.16     YES                    NO
 L0002503         0   0.78864E-03  465102.5 3762710.3   248.3     3.40     4.51
3.16     YES                    NO
 L0002504         0   0.78864E-03  465108.1 3762702.4   248.3     3.40     4.51
3.16     YES                    NO
 L0002505         0   0.78864E-03  465113.7 3762694.5   248.1     3.40     4.51
3.16     YES                    NO
 L0002506         0   0.78864E-03  465119.3 3762686.5   247.9     3.40     4.51
3.16     YES                    NO
 L0002507         0   0.78864E-03  465125.0 3762678.7   247.9     3.40     4.51
3.16     YES                    NO
 L0002508         0   0.78864E-03  465130.7 3762670.8   248.0     3.40     4.51
3.16     YES                    NO
 L0002509         0   0.78864E-03  465136.4 3762663.0   247.7     3.40     4.51
3.16     YES                    NO
 L0002510         0   0.78864E-03  465142.1 3762655.1   247.4     3.40     4.51
3.16     YES                    NO
 L0002511         0   0.78864E-03  465147.8 3762647.3   247.3     3.40     4.51
3.16     YES                    NO
 L0002512         0   0.78864E-03  465153.5 3762639.5   247.3     3.40     4.51
3.16     YES                    NO
 L0002513         0   0.78864E-03  465159.2 3762631.6   247.0     3.40     4.51
3.16     YES                    NO
 L0002514         0   0.78864E-03  465165.0 3762623.8   246.7     3.40     4.51
3.16     YES                    NO
 L0002515         0   0.78864E-03  465170.7 3762615.9   246.5     3.40     4.51
3.16     YES                    NO
 L0002516         0   0.78864E-03  465176.4 3762608.1   246.5     3.40     4.51
3.16     YES                    NO
 L0002517         0   0.78864E-03  465182.1 3762600.2   246.4     3.40     4.51
3.16     YES                    NO
 L0002518         0   0.78864E-03  465187.8 3762592.4   246.2     3.40     4.51
3.16     YES                    NO
 L0002519         0   0.78864E-03  465193.5 3762584.6   246.1     3.40     4.51
3.16     YES                    NO
 L0002520         0   0.78864E-03  465199.2 3762576.7   246.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0002521	0	0.78864E-03	465204.9	3762568.9	246.0	3.40	4.51	3.16	YES	NO
L0002522	0	0.78864E-03	465210.6	3762561.0	246.0	3.40	4.51	3.16	YES	NO
L0002523	0	0.78864E-03	465216.3	3762553.2	245.9	3.40	4.51	3.16	YES	NO
L0002524	0	0.78864E-03	465222.0	3762545.4	245.7	3.40	4.51	3.16	YES	NO
L0002525	0	0.78864E-03	465227.8	3762537.5	245.7	3.40	4.51	3.16	YES	NO
L0002526	0	0.78864E-03	465233.5	3762529.7	245.6	3.40	4.51	3.16	YES	NO
L0002527	0	0.78864E-03	465238.0	3762521.1	245.5	3.40	4.51	3.16	YES	NO
L0002528	0	0.78864E-03	465242.6	3762512.5	245.4	3.40	4.51	3.16	YES	NO
L0002529	0	0.78864E-03	465247.1	3762504.0	245.4	3.40	4.51	3.16	YES	NO
L0002530	0	0.78864E-03	465251.7	3762495.4	245.3	3.40	4.51	3.16	YES	NO
L0002531	0	0.78864E-03	465256.2	3762486.8	245.2	3.40	4.51	3.16	YES	NO
L0002532	0	0.78864E-03	465260.8	3762478.3	245.1	3.40	4.51	3.16	YES	NO
L0002533	0	0.78864E-03	465265.3	3762469.7	245.1	3.40	4.51	3.16	YES	NO
L0002534	0	0.78864E-03	465269.9	3762461.1	245.0	3.40	4.51	3.16	YES	NO
L0002535	0	0.78864E-03	465274.4	3762452.6	244.9	3.40	4.51	3.16	YES	NO
L0002536	0	0.78864E-03	465279.0	3762444.0	244.9	3.40	4.51	3.16	YES	NO
L0002537	0	0.78864E-03	465283.5	3762435.5	244.9	3.40	4.51	3.16	YES	NO
L0002538	0	0.78864E-03	465288.1	3762426.9	244.9	3.40	4.51	3.16	YES	NO
L0002539	0	0.78864E-03	465292.6	3762418.3	244.9	3.40	4.51			

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3.16     YES                    NO
 L0002540         0   0.78864E-03  465297.2 3762409.8   244.9     3.40     4.51
3.16     YES                    NO
 L0002541         0   0.78864E-03  465301.8 3762401.2   244.9     3.40     4.51
3.16     YES                    NO
 L0002542         0   0.78864E-03  465305.1 3762392.8   244.8     3.40     4.51
3.16     YES                    NO
 L0002543         0   0.78864E-03  465298.4 3762385.7   245.1     3.40     4.51
3.16     YES                    NO
 L0002544         0   0.78864E-03  465291.8 3762378.6   245.8     3.40     4.51
3.16     YES                    NO
 L0002545         0   0.78864E-03  465284.0 3762377.1   246.2     3.40     4.51
3.16     YES                    NO
 L0002546         0   0.78864E-03  465275.1 3762380.9   246.2     3.40     4.51
3.16     YES                    NO
 L0002547         0   0.78864E-03  465266.1 3762384.7   246.1     3.40     4.51
3.16     YES                    NO
 L0002548         0   0.78864E-03  465257.2 3762388.4   246.1     3.40     4.51
3.16     YES                    NO
 L0002549         0   0.78864E-03  465248.2 3762392.2   246.3     3.40     4.51
3.16     YES                    NO
 L0002550         0   0.78864E-03  465239.3 3762396.0   246.6     3.40     4.51
3.16     YES                    NO
 L0002551         0   0.78864E-03  465230.4 3762399.7   246.7     3.40     4.51
3.16     YES                    NO
 L0002552         0   0.78864E-03  465221.4 3762403.5   246.7     3.40     4.51
3.16     YES                    NO
 L0002553         0   0.78864E-03  465212.5 3762407.3   246.7     3.40     4.51
3.16     YES                    NO
 L0002554         0   0.78864E-03  465203.5 3762411.0   246.6     3.40     4.51
3.16     YES                    NO
 L0002555         0   0.78864E-03  465194.6 3762414.8   246.6     3.40     4.51
3.16     YES                    NO
 L0002556         0   0.78864E-03  465185.7 3762418.6   246.7     3.40     4.51
3.16     YES                    NO
 L0002557         0   0.78864E-03  465176.7 3762422.3   246.8     3.40     4.51
3.16     YES                    NO
 L0002558         0   0.78864E-03  465167.8 3762426.1   247.0     3.40     4.51
3.16     YES                    NO
 L0002559         0   0.78864E-03  465158.9 3762429.9   247.1     3.40     4.51
3.16     YES                    NO
 L0002560         0   0.78864E-03  465149.9 3762433.6   247.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0002561	0	0.78864E-03	465141.0	3762437.4	247.0	3.40	4.51	3.16	YES	NO	
L0002562	0	0.78864E-03	465132.0	3762441.2	246.9	3.40	4.51	3.16	YES	NO	
L0002563	0	0.78864E-03	465123.1	3762444.9	246.9	3.40	4.51	3.16	YES	NO	
L0002564	0	0.78864E-03	465114.2	3762448.7	247.0	3.40	4.51	3.16	YES	NO	
L0002565	0	0.78864E-03	465105.2	3762452.5	247.2	3.40	4.51	3.16	YES	NO	
L0002566	0	0.78864E-03	465096.3	3762456.2	247.2	3.40	4.51	3.16	YES	NO	
L0002567	0	0.78864E-03	465087.4	3762460.1	247.1	3.40	4.51	3.16	YES	NO	
L0002568	0	0.78864E-03	465078.5	3762463.9	247.0	3.40	4.51	3.16	YES	NO	
L0002569	0	0.78864E-03	465069.6	3762467.8	247.0	3.40	4.51	3.16	YES	NO	
L0002570	0	0.78864E-03	465060.7	3762471.7	246.9	3.40	4.51	3.16	YES	NO	
L0002571	0	0.78864E-03	465051.8	3762475.5	247.0	3.40	4.51	3.16	YES	NO	
L0002572	0	0.78864E-03	465042.9	3762479.4	247.1	3.40	4.51	3.16	YES	NO	
L0002573	0	0.78864E-03	465034.0	3762483.2	247.4	3.40	4.51	3.16	YES	NO	
L0002574	0	0.78864E-03	465025.1	3762487.1	247.4	3.40	4.51	3.16	YES	NO	
L0002575	0	0.78864E-03	465016.2	3762491.0	247.4	3.40	4.51	3.16	YES	NO	
L0002576	0	0.78864E-03	465007.3	3762494.8	247.4	3.40	4.51	3.16	YES	NO	
L0002577	0	0.78864E-03	464998.4	3762498.7	247.4	3.40	4.51	3.16	YES	NO	
L0002578	0	0.78864E-03	464989.5	3762502.6	247.5	3.40	4.51	3.16	YES	NO	
L0002579	0	0.78864E-03	464980.6	3762506.4	247.8	3.40	4.51				

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3.16     YES                    NO
 L0002580         0   0.78864E-03  464971.7 3762510.3   248.2     3.40     4.51
3.16     YES                    NO
 L0002581         0   0.78864E-03  464962.8 3762514.2   248.5     3.40     4.51
3.16     YES                    NO
 L0002582         0   0.78864E-03  464954.2 3762518.7   248.4     3.40     4.51
3.16     YES                    NO
 L0002583         0   0.78864E-03  464945.6 3762523.1   248.4     3.40     4.51
3.16     YES                    NO
 L0002584         0   0.78864E-03  464937.0 3762527.6   248.3     3.40     4.51
3.16     YES                    NO
 L0002585         0   0.78864E-03  464928.4 3762532.0   248.4     3.40     4.51
3.16     YES                    NO
 L0002586         0   0.78864E-03  464919.8 3762536.5   248.6     3.40     4.51
3.16     YES                    NO
 L0002587         0   0.78864E-03  464911.1 3762541.0   248.9     3.40     4.51
3.16     YES                    NO
 L0002588         0   0.78864E-03  464902.5 3762545.4   249.3     3.40     4.51
3.16     YES                    NO
 L0002589         0   0.78864E-03  464893.9 3762549.9   249.3     3.40     4.51
3.16     YES                    NO
 L0002590         0   0.78864E-03  464885.3 3762554.4   249.2     3.40     4.51
3.16     YES                    NO
 L0002591         0   0.78864E-03  464876.7 3762558.8   249.3     3.40     4.51
3.16     YES                    NO
 L0002592         0   0.78864E-03  464868.1 3762563.3   249.4     3.40     4.51
3.16     YES                    NO
 L0002593         0   0.78864E-03  464859.5 3762567.7   249.0     3.40     4.51
3.16     YES                    NO
 L0002594         0   0.78864E-03  464850.9 3762572.2   248.5     3.40     4.51
3.16     YES                    NO
 L0002595         0   0.78864E-03  464842.2 3762576.7   247.6     3.40     4.51
3.16     YES                    NO
 L0002596         0   0.78864E-03  464833.6 3762581.1   245.6     3.40     4.51
3.16     YES                    NO
 L0002597         0   0.78864E-03  464825.0 3762585.6   243.9     3.40     4.51
3.16     YES                    NO
 L0002598         0   0.78864E-03  464816.4 3762590.0   242.8     3.40     4.51
3.16     YES                    NO
 L0002599         0   0.78864E-03  464807.8 3762594.5   242.4     3.40     4.51
3.16     YES                    NO
 L0002600         0   0.78864E-03  464799.2 3762599.0   242.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0002601	0	0.78864E-03	464790.6	3762603.4	242.0	3.40	4.51	3.16	YES	NO	
L0002602	0	0.78864E-03	464781.9	3762607.9	242.0	3.40	4.51	3.16	YES	NO	
L0002603	0	0.78864E-03	464773.3	3762612.3	242.1	3.40	4.51	3.16	YES	NO	
L0002604	0	0.78864E-03	464764.7	3762616.8	242.1	3.40	4.51	3.16	YES	NO	
L0002605	0	0.78864E-03	464756.1	3762621.3	242.2	3.40	4.51	3.16	YES	NO	
L0002606	0	0.78864E-03	464747.5	3762625.7	242.3	3.40	4.51	3.16	YES	NO	
L0002607	0	0.78864E-03	464738.9	3762630.2	242.2	3.40	4.51	3.16	YES	NO	
L0002608	0	0.78864E-03	464730.3	3762634.7	242.0	3.40	4.51	3.16	YES	NO	
L0002609	0	0.78864E-03	464721.4	3762638.6	241.7	3.40	4.51	3.16	YES	NO	
L0002610	0	0.78864E-03	464712.2	3762641.4	241.6	3.40	4.51	3.16	YES	NO	
L0002611	0	0.78864E-03	464702.9	3762644.3	241.6	3.40	4.51	3.16	YES	NO	
L0002612	0	0.78864E-03	464693.6	3762647.1	241.5	3.40	4.51	3.16	YES	NO	
L0002613	0	0.78864E-03	464684.3	3762649.9	241.5	3.40	4.51	3.16	YES	NO	
L0002614	0	0.78864E-03	464675.1	3762652.8	241.4	3.40	4.51	3.16	YES	NO	
L0002615	0	0.78864E-03	464665.8	3762655.6	241.4	3.40	4.51	3.16	YES	NO	
L0002616	0	0.78864E-03	464656.5	3762658.5	241.3	3.40	4.51	3.16	YES	NO	
L0002617	0	0.78864E-03	464647.2	3762661.3	241.3	3.40	4.51	3.16	YES	NO	
L0002618	0	0.78864E-03	464638.0	3762664.2	241.3	3.40	4.51	3.16	YES	NO	
L0002619	0	0.78864E-03	464628.7	3762667.0	241.2	3.40	4.51				

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3.16     YES                    NO
 L0002620         0   0.78864E-03  464619.4 3762669.9   241.1     3.40     4.51
3.16     YES                    NO
 L0002621         0   0.78864E-03  464610.2 3762672.7   240.8     3.40     4.51
3.16     YES                    NO
 L0002622         0   0.78864E-03  464600.9 3762675.6   240.3     3.40     4.51
3.16     YES                    NO
 L0002623         0   0.78864E-03  464591.6 3762678.4   240.0     3.40     4.51
3.16     YES                    NO
 L0002624         0   0.78864E-03  464582.3 3762681.3   240.8     3.40     4.51
3.16     YES                    NO
 L0002625         0   0.78864E-03  464573.1 3762684.1   242.2     3.40     4.51
3.16     YES                    NO
 L0002626         0   0.78864E-03  464563.8 3762687.0   243.8     3.40     4.51
3.16     YES                    NO
 L0002627         0   0.78864E-03  464554.5 3762689.8   245.7     3.40     4.51
3.16     YES                    NO
 L0002628         0   0.78864E-03  464545.3 3762692.7   247.6     3.40     4.51
3.16     YES                    NO
 L0002629         0   0.78864E-03  464536.0 3762695.5   249.2     3.40     4.51
3.16     YES                    NO
 L0002630         0   0.78864E-03  464526.7 3762698.4   249.7     3.40     4.51
3.16     YES                    NO
 L0002631         0   0.78864E-03  464517.4 3762701.2   249.9     3.40     4.51
3.16     YES                    NO
 L0002632         0   0.78864E-03  464508.2 3762704.1   249.6     3.40     4.51
3.16     YES                    NO
 L0002633         0   0.78864E-03  464498.9 3762706.9   249.3     3.40     4.51
3.16     YES                    NO
 L0002634         0   0.78864E-03  464489.6 3762709.8   249.0     3.40     4.51
3.16     YES                    NO
 L0002635         0   0.78864E-03  464480.3 3762712.6   248.7     3.40     4.51
3.16     YES                    NO
 L0002636         0   0.78864E-03  464471.1 3762715.5   248.4     3.40     4.51
3.16     YES                    NO
 L0002637         0   0.78864E-03  464461.8 3762718.3   248.2     3.40     4.51
3.16     YES                    NO
 L0002638         0   0.78864E-03  464452.5 3762721.2   248.1     3.40     4.51
3.16     YES                    NO
 L0002639         0   0.78864E-03  464443.3 3762724.0   248.0     3.40     4.51
3.16     YES                    NO
 L0002640         0   0.78864E-03  464434.0 3762726.9   247.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0002641	0	0.78864E-03	464424.7	3762729.7	248.0	3.40	4.51	3.16	YES	NO	
L0002642	0	0.78864E-03	464415.4	3762732.6	248.0	3.40	4.51	3.16	YES	NO	
L0002643	0	0.78864E-03	464406.2	3762735.4	247.8	3.40	4.51	3.16	YES	NO	
L0002644	0	0.78864E-03	464396.9	3762738.3	247.6	3.40	4.51	3.16	YES	NO	
L0002645	0	0.78864E-03	464387.6	3762741.1	247.3	3.40	4.51	3.16	YES	NO	
L0002646	0	0.78864E-03	464378.4	3762744.0	247.0	3.40	4.51	3.16	YES	NO	
L0002647	0	0.78864E-03	464369.1	3762746.8	246.7	3.40	4.51	3.16	YES	NO	
L0002648	0	0.78864E-03	464359.8	3762749.7	246.5	3.40	4.51	3.16	YES	NO	
L0002649	0	0.78864E-03	464350.5	3762752.5	246.3	3.40	4.51	3.16	YES	NO	
L0002650	0	0.78864E-03	464341.3	3762755.4	246.2	3.40	4.51	3.16	YES	NO	
L0002651	0	0.78864E-03	464332.0	3762758.2	246.2	3.40	4.51	3.16	YES	NO	
L0002652	0	0.78864E-03	464322.7	3762761.0	246.3	3.40	4.51	3.16	YES	NO	
L0002653	0	0.78864E-03	464313.3	3762763.4	246.4	3.40	4.51	3.16	YES	NO	
L0002654	0	0.78864E-03	464303.8	3762765.1	246.6	3.40	4.51	3.16	YES	NO	
L0002655	0	0.78864E-03	464294.2	3762766.8	246.6	3.40	4.51	3.16	YES	NO	
L0002656	0	0.78864E-03	464284.7	3762768.5	246.7	3.40	4.51	3.16	YES	NO	
L0002657	0	0.78864E-03	464275.1	3762770.2	246.6	3.40	4.51	3.16	YES	NO	
L0002658	0	0.78864E-03	464265.6	3762771.9	246.5	3.40	4.51	3.16	YES	NO	
L0002659	0	0.78864E-03	464256.0	3762773.6	246.3	3.40	4.51				

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3.16     YES                    NO
 L0002660         0   0.78864E-03  464246.5 3762775.3   246.2     3.40     4.51
3.16     YES                    NO
 L0002661         0   0.78864E-03  464236.9 3762777.0   246.2     3.40     4.51
3.16     YES                    NO
 L0002662         0   0.78864E-03  464227.4 3762778.8   246.2     3.40     4.51
3.16     YES                    NO
 L0002663         0   0.78864E-03  464217.8 3762780.5   246.1     3.40     4.51
3.16     YES                    NO
 L0002664         0   0.78864E-03  464208.3 3762782.2   246.0     3.40     4.51
3.16     YES                    NO
 L0002665         0   0.78864E-03  464198.7 3762783.9   246.0     3.40     4.51
3.16     YES                    NO
 L0002666         0   0.78864E-03  464189.2 3762785.6   245.9     3.40     4.51
3.16     YES                    NO
 L0002667         0   0.78864E-03  464179.6 3762787.3   245.9     3.40     4.51
3.16     YES                    NO
 L0002668         0   0.78864E-03  464170.1 3762789.0   245.9     3.40     4.51
3.16     YES                    NO
 L0002669         0   0.78864E-03  464160.5 3762790.7   245.9     3.40     4.51
3.16     YES                    NO
 L0002670         0   0.78864E-03  464151.0 3762792.4   246.0     3.40     4.51
3.16     YES                    NO
 L0002671         0   0.78864E-03  464141.5 3762794.1   246.1     3.40     4.51
3.16     YES                    NO
 L0002672         0   0.78864E-03  464131.9 3762795.7   246.2     3.40     4.51
3.16     YES                    NO
 L0002673         0   0.78864E-03  464122.2 3762796.0   246.3     3.40     4.51
3.16     YES                    NO
 L0002674         0   0.78864E-03  464112.5 3762796.3   246.4     3.40     4.51
3.16     YES                    NO
 L0002675         0   0.78864E-03  464102.8 3762796.5   246.5     3.40     4.51
3.16     YES                    NO
 L0002676         0   0.78864E-03  464093.1 3762796.8   246.6     3.40     4.51
3.16     YES                    NO
 L0002677         0   0.78864E-03  464083.4 3762797.0   246.6     3.40     4.51
3.16     YES                    NO
 L0002678         0   0.78864E-03  464073.7 3762797.3   246.7     3.40     4.51
3.16     YES                    NO
 L0002679         0   0.78864E-03  464064.0 3762797.5   246.7     3.40     4.51
3.16     YES                    NO
 L0002680         0   0.78864E-03  464054.3 3762797.8   246.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0002681	0	0.78864E-03	464044.6	3762798.1	246.8	3.40	4.51	3.16	YES	NO	
L0002682	0	0.78864E-03	464034.9	3762798.3	246.9	3.40	4.51	3.16	YES	NO	
L0002683	0	0.78864E-03	464025.2	3762798.6	246.9	3.40	4.51	3.16	YES	NO	
L0002684	0	0.78864E-03	464015.5	3762798.8	246.9	3.40	4.51	3.16	YES	NO	
L0002685	0	0.78864E-03	464005.8	3762799.1	247.0	3.40	4.51	3.16	YES	NO	
L0002686	0	0.78864E-03	463996.1	3762799.3	247.0	3.40	4.51	3.16	YES	NO	
L0002687	0	0.78864E-03	463986.4	3762799.6	247.0	3.40	4.51	3.16	YES	NO	
L0002688	0	0.78864E-03	463976.7	3762799.9	247.1	3.40	4.51	3.16	YES	NO	
L0002689	0	0.78864E-03	463967.1	3762800.1	247.1	3.40	4.51	3.16	YES	NO	
L0002690	0	0.78864E-03	463957.4	3762800.4	247.1	3.40	4.51	3.16	YES	NO	
L0002691	0	0.78864E-03	463947.7	3762800.6	247.1	3.40	4.51	3.16	YES	NO	
L0002692	0	0.78864E-03	463938.0	3762800.9	247.1	3.40	4.51	3.16	YES	NO	
L0002693	0	0.78864E-03	463928.3	3762801.1	247.2	3.40	4.51	3.16	YES	NO	
L0002694	0	0.78864E-03	463918.6	3762801.4	247.2	3.40	4.51	3.16	YES	NO	
L0002695	0	0.78864E-03	463908.9	3762801.6	247.2	3.40	4.51	3.16	YES	NO	
L0002696	0	0.78864E-03	463899.2	3762801.9	247.2	3.40	4.51	3.16	YES	NO	
L0002697	0	0.78864E-03	463889.5	3762802.2	247.3	3.40	4.51	3.16	YES	NO	
L0002698	0	0.78864E-03	463879.8	3762802.4	247.3	3.40	4.51	3.16	YES	NO	
L0002699	0	0.78864E-03	463870.1	3762802.7	247.4	3.40	4.51				

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3.16     YES                    NO
 L0002700         0   0.78864E-03  463860.4 3762802.9   247.6     3.40     4.51
3.16     YES                    NO
 L0002701         0   0.78864E-03  463850.7 3762803.2   247.9     3.40     4.51
3.16     YES                    NO
 L0002702         0   0.78864E-03  463841.0 3762803.4   248.2     3.40     4.51
3.16     YES                    NO
 L0002703         0   0.78864E-03  463831.3 3762803.7   248.5     3.40     4.51
3.16     YES                    NO
 L0002704         0   0.78864E-03  463821.6 3762804.0   248.8     3.40     4.51
3.16     YES                    NO
 L0002705         0   0.78864E-03  463811.9 3762804.2   249.1     3.40     4.51
3.16     YES                    NO
 L0002706         0   0.78864E-03  463802.2 3762804.5   249.4     3.40     4.51
3.16     YES                    NO
 L0002707         0   0.78864E-03  463792.5 3762804.7   249.7     3.40     4.51
3.16     YES                    NO
 L0002708         0   0.78864E-03  463782.8 3762805.0   249.9     3.40     4.51
3.16     YES                    NO
 L0002709         0   0.78864E-03  463773.1 3762805.2   250.2     3.40     4.51
3.16     YES                    NO
 L0002710         0   0.78864E-03  463763.4 3762805.5   250.3     3.40     4.51
3.16     YES                    NO
 L0002711         0   0.78864E-03  463753.7 3762805.8   250.4     3.40     4.51
3.16     YES                    NO
 L0002712         0   0.78864E-03  463744.0 3762806.0   250.6     3.40     4.51
3.16     YES                    NO
 L0002713         0   0.78864E-03  463734.3 3762806.3   250.7     3.40     4.51
3.16     YES                    NO
 L0002714         0   0.78864E-03  463724.6 3762806.5   250.8     3.40     4.51
3.16     YES                    NO
 L0002715         0   0.78864E-03  463714.9 3762806.7   251.0     3.40     4.51
3.16     YES                    NO
 L0002716         0   0.78864E-03  463705.3 3762806.2   250.9     3.40     4.51
3.16     YES                    NO
 L0002717         0   0.78864E-03  463695.6 3762805.7   250.9     3.40     4.51
3.16     YES                    NO
 L0002718         0   0.78864E-03  463685.9 3762805.1   250.8     3.40     4.51
3.16     YES                    NO
 L0002719         0   0.78864E-03  463676.2 3762804.6   250.7     3.40     4.51
3.16     YES                    NO
 L0002720         0   0.78864E-03  463666.5 3762804.1   250.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0002721	0	0.78864E-03	463656.8	3762803.5	250.7	3.40	4.51	3.16	YES	NO
L0002722	0	0.78864E-03	463647.1	3762803.0	250.6	3.40	4.51	3.16	YES	NO
L0002723	0	0.78864E-03	463637.5	3762802.5	250.6	3.40	4.51	3.16	YES	NO
L0002724	0	0.78864E-03	463627.8	3762801.9	250.6	3.40	4.51	3.16	YES	NO
L0002725	0	0.78864E-03	463618.1	3762801.4	250.6	3.40	4.51	3.16	YES	NO
L0002726	0	0.78864E-03	463608.4	3762800.9	250.6	3.40	4.51	3.16	YES	NO
L0002727	0	0.78864E-03	463598.7	3762800.2	250.5	3.40	4.51	3.16	YES	NO
L0002728	0	0.78864E-03	463589.1	3762799.4	250.4	3.40	4.51	3.16	YES	NO
L0002729	0	0.78864E-03	463579.4	3762798.6	250.4	3.40	4.51	3.16	YES	NO
L0002730	0	0.78864E-03	463569.7	3762797.8	250.3	3.40	4.51	3.16	YES	NO
L0002731	0	0.78864E-03	463560.1	3762797.0	250.3	3.40	4.51	3.16	YES	NO
L0002732	0	0.78864E-03	463550.4	3762796.2	250.2	3.40	4.51	3.16	YES	NO
L0002733	0	0.78864E-03	463540.7	3762795.4	250.3	3.40	4.51	3.16	YES	NO
L0002734	0	0.78864E-03	463531.1	3762794.5	250.4	3.40	4.51	3.16	YES	NO
L0002735	0	0.78864E-03	463521.4	3762793.7	250.4	3.40	4.51	3.16	YES	NO
L0002736	0	0.78864E-03	463511.7	3762792.9	250.5	3.40	4.51	3.16	YES	NO
L0002737	0	0.78864E-03	463502.1	3762792.1	250.5	3.40	4.51	3.16	YES	NO
L0002738	0	0.78864E-03	463492.4	3762791.3	250.5	3.40	4.51	3.16	YES	NO
L0002739	0	0.78864E-03	463482.7	3762790.5	250.5	3.40	4.51			

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3.16     YES                    NO
 L0002740         0   0.78864E-03  463473.1 3762789.7   250.5     3.40     4.51
3.16     YES                    NO
 L0002741         0   0.78864E-03  463463.4 3762788.9   250.5     3.40     4.51
3.16     YES                    NO
 L0002742         0   0.78864E-03  463453.7 3762788.1   250.5     3.40     4.51
3.16     YES                    NO
 L0002743         0   0.78864E-03  463444.1 3762787.3   250.4     3.40     4.51
3.16     YES                    NO
 L0002744         0   0.78864E-03  463434.4 3762786.5   250.4     3.40     4.51
3.16     YES                    NO
 L0002745         0   0.78864E-03  463424.7 3762785.7   250.4     3.40     4.51
3.16     YES                    NO
 L0002746         0   0.78864E-03  463415.1 3762784.9   250.4     3.40     4.51
3.16     YES                    NO
 L0002747         0   0.78864E-03  463405.4 3762784.1   250.4     3.40     4.51
3.16     YES                    NO
 L0002748         0   0.78864E-03  463395.7 3762783.2   250.4     3.40     4.51
3.16     YES                    NO
 L0002749         0   0.78864E-03  463386.1 3762782.4   250.3     3.40     4.51
3.16     YES                    NO
 L0002750         0   0.78864E-03  463376.4 3762781.6   250.3     3.40     4.51
3.16     YES                    NO
 L0002751         0   0.78864E-03  463366.7 3762780.8   250.3     3.40     4.51
3.16     YES                    NO
 L0002752         0   0.78864E-03  463357.1 3762780.0   250.3     3.40     4.51
3.16     YES                    NO
 L0002753         0   0.78864E-03  463347.4 3762779.2   250.3     3.40     4.51
3.16     YES                    NO
 L0002754         0   0.78864E-03  463337.7 3762778.4   250.3     3.40     4.51
3.16     YES                    NO
 L0002755         0   0.78864E-03  463328.1 3762777.6   250.3     3.40     4.51
3.16     YES                    NO
 L0002756         0   0.78864E-03  463318.4 3762776.8   250.3     3.40     4.51
3.16     YES                    NO
 L0002757         0   0.78864E-03  463308.7 3762776.0   250.3     3.40     4.51
3.16     YES                    NO
 L0002758         0   0.78864E-03  463299.1 3762775.2   250.4     3.40     4.51
3.16     YES                    NO
 L0002759         0   0.78864E-03  463289.4 3762774.4   250.5     3.40     4.51
3.16     YES                    NO
 L0002760         0   0.78864E-03  463279.7 3762773.6   250.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0002761	0	0.78864E-03	463270.1	3762772.8	250.6	3.40	4.51	3.16	YES	NO
L0002762	0	0.78864E-03	463260.4	3762771.9	250.7	3.40	4.51	3.16	YES	NO
L0002763	0	0.78864E-03	463250.7	3762771.1	250.8	3.40	4.51	3.16	YES	NO
L0002764	0	0.78864E-03	463241.1	3762770.3	250.9	3.40	4.51	3.16	YES	NO
L0002765	0	0.78864E-03	463231.4	3762769.5	251.0	3.40	4.51	3.16	YES	NO
L0002766	0	0.78864E-03	463221.7	3762768.7	251.1	3.40	4.51	3.16	YES	NO
L0002767	0	0.78864E-03	463212.1	3762767.9	251.2	3.40	4.51	3.16	YES	NO
L0002768	0	0.78864E-03	463202.4	3762767.1	251.4	3.40	4.51	3.16	YES	NO
L0002769	0	0.78864E-03	463192.7	3762766.3	251.5	3.40	4.51	3.16	YES	NO
L0002770	0	0.78864E-03	463183.1	3762765.5	251.7	3.40	4.51	3.16	YES	NO
L0002771	0	0.78864E-03	463173.4	3762764.7	251.9	3.40	4.51	3.16	YES	NO
L0002772	0	0.78864E-03	463163.7	3762763.9	252.1	3.40	4.51	3.16	YES	NO
L0002773	0	0.78864E-03	463154.1	3762763.1	252.3	3.40	4.51	3.16	YES	NO
L0002774	0	0.78864E-03	463144.4	3762762.3	252.5	3.40	4.51	3.16	YES	NO
L0002775	0	0.78864E-03	463134.7	3762761.5	252.7	3.40	4.51	3.16	YES	NO
L0002776	0	0.78864E-03	463125.1	3762760.6	252.8	3.40	4.51	3.16	YES	NO
L0002777	0	0.78864E-03	463115.4	3762759.8	252.8	3.40	4.51	3.16	YES	NO
L0002778	0	0.78864E-03	463105.7	3762759.0	252.8	3.40	4.51	3.16	YES	NO
L0002779	0	0.78864E-03	463096.1	3762758.2	252.8	3.40	4.51			

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3.16     YES                    NO
 L0002780         0   0.78864E-03  463086.4 3762757.4   252.7     3.40     4.51
3.16     YES                    NO
 L0002781         0   0.78864E-03  463076.7 3762756.6   252.7     3.40     4.51
3.16     YES                    NO
 L0002782         0   0.78864E-03  463067.1 3762755.8   252.6     3.40     4.51
3.16     YES                    NO
 L0002783         0   0.78864E-03  463057.4 3762755.0   252.6     3.40     4.51
3.16     YES                    NO
 L0002784         0   0.78864E-03  463047.7 3762754.2   252.5     3.40     4.51
3.16     YES                    NO
 L0002785         0   0.78864E-03  463038.1 3762753.4   252.5     3.40     4.51
3.16     YES                    NO
 L0002786         0   0.78864E-03  463028.4 3762752.6   252.5     3.40     4.51
3.16     YES                    NO
 L0002787         0   0.78864E-03  463018.7 3762751.8   252.4     3.40     4.51
3.16     YES                    NO
 L0002788         0   0.78864E-03  463009.1 3762751.0   252.4     3.40     4.51
3.16     YES                    NO
 L0002789         0   0.78864E-03  462999.4 3762750.1   252.3     3.40     4.51
3.16     YES                    NO
 L0002790         0   0.78864E-03  462989.7 3762749.3   252.3     3.40     4.51
3.16     YES                    NO
 L0002791         0   0.78864E-03  462980.1 3762748.5   252.2     3.40     4.51
3.16     YES                    NO
 L0002792         0   0.78864E-03  462970.4 3762747.7   252.2     3.40     4.51
3.16     YES                    NO
 L0002793         0   0.78864E-03  462960.7 3762746.9   252.2     3.40     4.51
3.16     YES                    NO
 L0002794         0   0.78864E-03  462951.1 3762746.1   252.2     3.40     4.51
3.16     YES                    NO
 L0002795         0   0.78864E-03  462941.4 3762745.3   252.2     3.40     4.51
3.16     YES                    NO
 L0002796         0   0.78864E-03  462931.7 3762744.5   252.2     3.40     4.51
3.16     YES                    NO
 L0002797         0   0.78864E-03  462922.1 3762743.7   252.2     3.40     4.51
3.16     YES                    NO
 L0002798         0   0.78864E-03  462912.4 3762742.9   252.3     3.40     4.51
3.16     YES                    NO
 L0002799         0   0.78864E-03  462902.7 3762742.1   252.4     3.40     4.51
3.16     YES                    NO
 L0002800         0   0.78864E-03  462893.1 3762741.3   252.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0002801	0	0.78864E-03	462883.4	3762740.5	252.6	3.40	4.51	3.16	YES	NO
L0002802	0	0.78864E-03	462873.7	3762739.7	252.7	3.40	4.51	3.16	YES	NO
L0002803	0	0.78864E-03	462864.1	3762738.8	252.8	3.40	4.51	3.16	YES	NO
L0002804	0	0.78864E-03	462854.4	3762738.0	252.9	3.40	4.51	3.16	YES	NO
L0002805	0	0.78864E-03	462844.8	3762737.2	253.0	3.40	4.51	3.16	YES	NO
L0002806	0	0.78864E-03	462835.1	3762736.4	253.3	3.40	4.51	3.16	YES	NO
L0002807	0	0.78864E-03	462825.4	3762735.6	253.5	3.40	4.51	3.16	YES	NO
L0002808	0	0.78864E-03	462815.8	3762734.8	253.8	3.40	4.51	3.16	YES	NO
L0002809	0	0.78864E-03	462806.1	3762734.0	254.2	3.40	4.51	3.16	YES	NO
L0002810	0	0.78864E-03	462796.4	3762733.2	254.5	3.40	4.51	3.16	YES	NO
L0002811	0	0.78864E-03	462786.8	3762732.4	254.8	3.40	4.51	3.16	YES	NO
L0002812	0	0.78864E-03	462777.1	3762731.6	255.0	3.40	4.51	3.16	YES	NO
L0002813	0	0.78864E-03	462767.4	3762730.8	255.3	3.40	4.51	3.16	YES	NO
L0002814	0	0.78864E-03	462757.8	3762730.0	255.6	3.40	4.51	3.16	YES	NO
L0002815	0	0.78864E-03	462748.1	3762729.2	255.8	3.40	4.51	3.16	YES	NO
L0002816	0	0.78864E-03	462738.4	3762728.4	256.0	3.40	4.51	3.16	YES	NO
L0002817	0	0.78864E-03	462728.8	3762727.5	256.2	3.40	4.51	3.16	YES	NO
L0002818	0	0.78864E-03	462719.1	3762726.7	256.4	3.40	4.51	3.16	YES	NO
L0002819	0	0.78864E-03	462709.4	3762725.9	256.5	3.40	4.51			

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3.16     YES                    NO
 L0002820         0   0.78864E-03  462699.8 3762725.1   256.6     3.40     4.51
3.16     YES                    NO
 L0002821         0   0.78864E-03  462690.1 3762724.3   256.7     3.40     4.51
3.16     YES                    NO
 L0002822         0   0.78864E-03  462680.4 3762723.5   256.8     3.40     4.51
3.16     YES                    NO
 L0002823         0   0.78864E-03  462670.8 3762722.7   256.9     3.40     4.51
3.16     YES                    NO
 L0002824         0   0.78864E-03  462661.1 3762721.9   257.0     3.40     4.51
3.16     YES                    NO
 L0002825         0   0.78864E-03  462651.4 3762721.1   257.0     3.40     4.51
3.16     YES                    NO
 L0002826         0   0.78864E-03  462641.8 3762720.3   257.1     3.40     4.51
3.16     YES                    NO
 L0002827         0   0.78864E-03  462632.1 3762719.5   257.2     3.40     4.51
3.16     YES                    NO
 L0002828         0   0.78864E-03  462622.4 3762718.7   257.3     3.40     4.51
3.16     YES                    NO
 L0002829         0   0.78864E-03  462612.8 3762717.9   257.4     3.40     4.51
3.16     YES                    NO
 L0002830         0   0.78864E-03  462603.1 3762717.1   257.5     3.40     4.51
3.16     YES                    NO
 L0002831         0   0.78864E-03  462593.4 3762716.2   257.6     3.40     4.51
3.16     YES                    NO
 L0002832         0   0.78864E-03  462583.8 3762715.4   257.6     3.40     4.51
3.16     YES                    NO
 L0002833         0   0.78864E-03  462574.1 3762714.6   257.7     3.40     4.51
3.16     YES                    NO
 L0002834         0   0.78864E-03  462564.4 3762713.8   257.8     3.40     4.51
3.16     YES                    NO
 L0002835         0   0.78864E-03  462554.8 3762713.0   257.9     3.40     4.51
3.16     YES                    NO
 L0002836         0   0.78864E-03  462545.1 3762712.2   258.0     3.40     4.51
3.16     YES                    NO
 L0002837         0   0.78864E-03  462535.4 3762711.4   258.1     3.40     4.51
3.16     YES                    NO
 L0002838         0   0.78864E-03  462525.8 3762710.6   258.2     3.40     4.51
3.16     YES                    NO
 L0002839         0   0.78864E-03  462516.1 3762709.8   258.3     3.40     4.51
3.16     YES                    NO
 L0002840         0   0.78864E-03  462506.4 3762709.0   258.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0002841	0	0.78864E-03	462496.8	3762708.2	258.5	3.40	4.51	3.16	YES	NO	
L0002842	0	0.78864E-03	462487.1	3762707.4	258.6	3.40	4.51	3.16	YES	NO	
L0002843	0	0.78864E-03	462477.4	3762706.6	258.8	3.40	4.51	3.16	YES	NO	
L0002844	0	0.78864E-03	462467.8	3762705.8	259.1	3.40	4.51	3.16	YES	NO	
L0002845	0	0.78864E-03	462458.1	3762704.9	259.2	3.40	4.51	3.16	YES	NO	
L0002846	0	0.78864E-03	462448.4	3762704.1	259.4	3.40	4.51	3.16	YES	NO	
L0002847	0	0.78864E-03	462438.8	3762703.3	259.6	3.40	4.51	3.16	YES	NO	
L0002848	0	0.78864E-03	462429.1	3762702.5	259.8	3.40	4.51	3.16	YES	NO	
L0002849	0	0.78864E-03	462419.4	3762701.7	260.0	3.40	4.51	3.16	YES	NO	
L0002850	0	0.78864E-03	462409.8	3762700.9	260.1	3.40	4.51	3.16	YES	NO	
L0002851	0	0.78864E-03	462400.1	3762700.1	260.3	3.40	4.51	3.16	YES	NO	
L0002852	0	0.78864E-03	462390.4	3762699.3	260.4	3.40	4.51	3.16	YES	NO	
L0002853	0	0.78864E-03	462380.8	3762699.8	260.6	3.40	4.51	3.16	YES	NO	
L0002854	0	0.78864E-03	462371.3	3762701.7	260.8	3.40	4.51	3.16	YES	NO	
L0002855	0	0.78864E-03	462361.8	3762703.6	261.1	3.40	4.51	3.16	YES	NO	
L0002856	0	0.78864E-03	462352.3	3762705.5	261.4	3.40	4.51	3.16	YES	NO	
L0002857	0	0.78864E-03	462342.8	3762707.5	261.6	3.40	4.51	3.16	YES	NO	
L0002858	0	0.78864E-03	462333.3	3762709.4	262.0	3.40	4.51	3.16	YES	NO	
L0002859	0	0.78864E-03	462323.8	3762711.3	262.3	3.40	4.51				

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3.16     YES                    NO
 L0002860         0   0.78864E-03  462314.3 3762713.2   262.5     3.40     4.51
3.16     YES                    NO
 L0002861         0   0.78864E-03  462304.8 3762715.1   262.8     3.40     4.51
3.16     YES                    NO
 L0002862         0   0.78864E-03  462295.3 3762717.1   263.0     3.40     4.51
3.16     YES                    NO
 L0002863         0   0.78864E-03  462285.8 3762719.0   263.2     3.40     4.51
3.16     YES                    NO
 L0002864         0   0.78864E-03  462276.3 3762720.9   263.4     3.40     4.51
3.16     YES                    NO
 L0002865         0   0.78864E-03  462266.7 3762722.8   263.5     3.40     4.51
3.16     YES                    NO
 L0002866         0   0.78864E-03  462257.2 3762724.7   263.7     3.40     4.51
3.16     YES                    NO
 L0002867         0   0.78864E-03  462247.7 3762726.7   263.9     3.40     4.51
3.16     YES                    NO
 L0002868         0   0.78864E-03  462238.2 3762728.6   264.1     3.40     4.51
3.16     YES                    NO
 L0002869         0   0.78864E-03  462228.7 3762730.5   264.2     3.40     4.51
3.16     YES                    NO
 L0002870         0   0.78864E-03  462219.2 3762732.4   264.3     3.40     4.51
3.16     YES                    NO
 L0002871         0   0.78864E-03  462209.7 3762734.4   264.4     3.40     4.51
3.16     YES                    NO
 L0002872         0   0.78864E-03  462200.2 3762736.3   264.5     3.40     4.51
3.16     YES                    NO
 L0002873         0   0.78864E-03  462190.7 3762738.2   264.4     3.40     4.51
3.16     YES                    NO
 L0002874         0   0.78864E-03  462181.2 3762740.1   264.3     3.40     4.51
3.16     YES                    NO
 L0002875         0   0.78864E-03  462171.7 3762742.0   264.2     3.40     4.51
3.16     YES                    NO
 L0002876         0   0.78864E-03  462162.2 3762744.0   264.1     3.40     4.51
3.16     YES                    NO
 L0002877         0   0.78864E-03  462152.6 3762745.9   264.0     3.40     4.51
3.16     YES                    NO
 L0002878         0   0.78864E-03  462143.1 3762747.8   263.9     3.40     4.51
3.16     YES                    NO
 L0002879         0   0.78864E-03  462133.6 3762749.7   263.7     3.40     4.51
3.16     YES                    NO
 L0002880         0   0.78864E-03  462124.1 3762751.6   263.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0002881	0	0.78864E-03	462114.6	3762753.6	263.3	3.40	4.51	3.16	YES	NO
L0002882	0	0.78864E-03	462105.1	3762755.5	263.0	3.40	4.51	3.16	YES	NO
L0002883	0	0.78864E-03	462095.6	3762757.4	262.8	3.40	4.51	3.16	YES	NO
L0002884	0	0.78864E-03	462086.1	3762759.3	262.7	3.40	4.51	3.16	YES	NO
L0002885	0	0.78864E-03	462076.6	3762761.2	262.4	3.40	4.51	3.16	YES	NO
L0002886	0	0.78864E-03	462067.1	3762763.2	262.4	3.40	4.51	3.16	YES	NO
L0002887	0	0.78864E-03	462057.6	3762765.1	262.4	3.40	4.51	3.16	YES	NO
L0002888	0	0.78864E-03	462048.1	3762767.0	262.3	3.40	4.51	3.16	YES	NO
L0002889	0	0.78864E-03	462038.6	3762768.9	262.4	3.40	4.51	3.16	YES	NO
L0002890	0	0.78864E-03	462029.0	3762770.9	262.4	3.40	4.51	3.16	YES	NO
L0002891	0	0.78864E-03	462020.0	3762774.4	262.5	3.40	4.51	3.16	YES	NO
L0002892	0	0.78864E-03	462011.2	3762778.3	262.6	3.40	4.51	3.16	YES	NO
L0002893	0	0.78864E-03	462002.3	3762782.1	262.7	3.40	4.51	3.16	YES	NO
L0002894	0	0.78864E-03	461993.4	3762786.0	262.8	3.40	4.51	3.16	YES	NO
L0002895	0	0.78864E-03	461984.5	3762789.9	262.9	3.40	4.51	3.16	YES	NO
L0002896	0	0.78864E-03	461975.6	3762793.8	263.0	3.40	4.51	3.16	YES	NO
L0002897	0	0.78864E-03	461966.7	3762797.7	263.1	3.40	4.51	3.16	YES	NO
L0002898	0	0.78864E-03	461957.8	3762801.6	263.2	3.40	4.51	3.16	YES	NO
L0002899	0	0.78864E-03	461948.9	3762805.4	263.3	3.40	4.51			

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3.16     YES                    NO
 L0002900         0   0.78864E-03  461940.0 3762809.3   263.4     3.40     4.51
3.16     YES                    NO
 L0002901         0   0.78864E-03  461931.2 3762813.2   263.5     3.40     4.51
3.16     YES                    NO
 L0002902         0   0.78864E-03  461922.3 3762817.1   263.6     3.40     4.51
3.16     YES                    NO
 L0002903         0   0.78864E-03  461913.2 3762820.5   263.9     3.40     4.51
3.16     YES                    NO
 L0002904         0   0.78864E-03  461904.1 3762823.8   264.2     3.40     4.51
3.16     YES                    NO
 L0002905         0   0.78864E-03  461895.0 3762827.2   264.5     3.40     4.51
3.16     YES                    NO
 L0002906         0   0.78864E-03  461885.9 3762830.5   264.9     3.40     4.51
3.16     YES                    NO
 L0002907         0   0.78864E-03  461876.8 3762833.8   265.3     3.40     4.51
3.16     YES                    NO
 L0002908         0   0.78864E-03  461867.6 3762837.2   265.4     3.40     4.51
3.16     YES                    NO
 L0002909         0   0.78864E-03  461858.5 3762840.5   265.0     3.40     4.51
3.16     YES                    NO
 L0002910         0   0.78864E-03  461849.4 3762843.8   264.6     3.40     4.51
3.16     YES                    NO
 L0002911         0   0.78864E-03  461840.3 3762847.2   264.4     3.40     4.51
3.16     YES                    NO
 L0002912         0   0.78864E-03  461831.2 3762850.5   264.5     3.40     4.51
3.16     YES                    NO
 L0002913         0   0.78864E-03  461822.1 3762853.8   264.5     3.40     4.51
3.16     YES                    NO
 L0002914         0   0.78864E-03  461813.0 3762857.2   264.5     3.40     4.51
3.16     YES                    NO
 L0002915         0   0.78864E-03  461803.9 3762860.5   264.5     3.40     4.51
3.16     YES                    NO
 L0002916         0   0.78864E-03  461794.8 3762863.8   264.4     3.40     4.51
3.16     YES                    NO
 L0002917         0   0.78864E-03  461785.7 3762867.2   264.4     3.40     4.51
3.16     YES                    NO
 L0002918         0   0.78864E-03  461776.5 3762870.5   264.4     3.40     4.51
3.16     YES                    NO
 L0002919         0   0.78864E-03  461767.4 3762873.8   264.4     3.40     4.51
3.16     YES                    NO
 L0002920         0   0.78864E-03  461758.3 3762877.1   264.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0002921	0	0.78864E-03	461749.2	3762880.5	264.4	3.40	4.51	3.16	YES	NO	
L0002922	0	0.78864E-03	461740.1	3762883.8	264.4	3.40	4.51	3.16	YES	NO	
L0002923	0	0.78864E-03	461731.0	3762887.1	264.4	3.40	4.51	3.16	YES	NO	
L0002924	0	0.78864E-03	461721.9	3762890.5	264.4	3.40	4.51	3.16	YES	NO	
L0002925	0	0.78864E-03	461712.8	3762893.8	264.3	3.40	4.51	3.16	YES	NO	
L0002926	0	0.78864E-03	461703.7	3762897.1	264.3	3.40	4.51	3.16	YES	NO	
L0002927	0	0.78864E-03	461694.6	3762900.5	264.2	3.40	4.51	3.16	YES	NO	
L0002928	0	0.78864E-03	461685.4	3762903.8	264.3	3.40	4.51	3.16	YES	NO	
L0002929	0	0.78864E-03	461676.3	3762907.1	264.3	3.40	4.51	3.16	YES	NO	
L0002930	0	0.78864E-03	461667.2	3762910.5	264.3	3.40	4.51	3.16	YES	NO	
L0002931	0	0.78864E-03	461658.1	3762913.8	264.3	3.40	4.51	3.16	YES	NO	
L0002932	0	0.78864E-03	461649.0	3762917.1	264.3	3.40	4.51	3.16	YES	NO	
L0002933	0	0.78864E-03	461639.9	3762920.4	264.2	3.40	4.51	3.16	YES	NO	
L0002934	0	0.78864E-03	461630.8	3762923.8	264.2	3.40	4.51	3.16	YES	NO	
L0002935	0	0.78864E-03	461621.7	3762927.1	264.1	3.40	4.51	3.16	YES	NO	
L0002936	0	0.78864E-03	461612.6	3762930.4	264.2	3.40	4.51	3.16	YES	NO	
L0002937	0	0.78864E-03	461603.5	3762933.8	264.2	3.40	4.51	3.16	YES	NO	
L0002938	0	0.78864E-03	461594.3	3762937.1	264.2	3.40	4.51	3.16	YES	NO	
L0002939	0	0.78864E-03	461585.2	3762940.4	264.2	3.40	4.51				

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3.16     YES                    NO
 L0002940         0   0.78864E-03  461576.1 3762943.8   264.1     3.40     4.51
3.16     YES                    NO
 L0002941         0   0.78864E-03  461567.0 3762947.1   264.0     3.40     4.51
3.16     YES                    NO
 L0002942         0   0.78864E-03  461557.9 3762950.4   263.9     3.40     4.51
3.16     YES                    NO
 L0002943         0   0.78864E-03  461548.8 3762953.8   263.9     3.40     4.51
3.16     YES                    NO
 L0002944         0   0.78864E-03  461539.7 3762957.1   263.8     3.40     4.51
3.16     YES                    NO
 L0002945         0   0.78864E-03  461530.6 3762960.4   263.9     3.40     4.51
3.16     YES                    NO
 L0002946         0   0.78864E-03  461521.5 3762963.8   263.9     3.40     4.51
3.16     YES                    NO
 L0002947         0   0.78864E-03  461512.4 3762967.1   263.9     3.40     4.51
3.16     YES                    NO
 L0002948         0   0.78864E-03  461503.2 3762970.4   263.9     3.40     4.51
3.16     YES                    NO
 L0002949         0   0.78864E-03  461494.1 3762973.7   263.8     3.40     4.51
3.16     YES                    NO
 L0002950         0   0.78864E-03  461485.0 3762977.1   263.7     3.40     4.51
3.16     YES                    NO
 L0002951         0   0.78864E-03  461475.9 3762980.4   263.7     3.40     4.51
3.16     YES                    NO
 L0002952         0   0.78864E-03  461466.8 3762983.7   263.7     3.40     4.51
3.16     YES                    NO
 L0002953         0   0.78864E-03  461457.7 3762987.1   263.8     3.40     4.51
3.16     YES                    NO
 L0002954         0   0.78864E-03  461448.6 3762990.4   264.0     3.40     4.51
3.16     YES                    NO
 L0002955         0   0.78864E-03  461439.5 3762993.7   264.1     3.40     4.51
3.16     YES                    NO
 L0002956         0   0.78864E-03  461430.4 3762997.1   264.1     3.40     4.51
3.16     YES                    NO
 L0002957         0   0.78864E-03  461421.2 3763000.4   264.1     3.40     4.51
3.16     YES                    NO
 L0002958         0   0.78864E-03  461412.1 3763003.7   264.1     3.40     4.51
3.16     YES                    NO
 L0002959         0   0.78864E-03  461403.0 3763007.1   264.2     3.40     4.51
3.16     YES                    NO
 L0002960         0   0.78864E-03  461393.9 3763010.4   264.2     3.40     4.51
3.16     YES                    NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0002961	0	0.78864E-03	461384.8	3763013.7	264.4	3.40	4.51	3.16	YES	NO
L0002962	0	0.78864E-03	461375.7	3763017.1	264.7	3.40	4.51	3.16	YES	NO
L0002963	0	0.78864E-03	461366.6	3763020.4	265.1	3.40	4.51	3.16	YES	NO
L0002964	0	0.78864E-03	461357.5	3763023.7	265.3	3.40	4.51	3.16	YES	NO
L0002965	0	0.78864E-03	461348.4	3763027.0	265.3	3.40	4.51	3.16	YES	NO
L0002966	0	0.78864E-03	461339.3	3763030.4	265.4	3.40	4.51	3.16	YES	NO
L0002967	0	0.78864E-03	461330.1	3763033.7	265.4	3.40	4.51	3.16	YES	NO
L0002968	0	0.78864E-03	461321.0	3763037.0	265.3	3.40	4.51	3.16	YES	NO
L0002969	0	0.78864E-03	461311.9	3763040.4	265.4	3.40	4.51	3.16	YES	NO
L0002970	0	0.78864E-03	461302.8	3763043.7	265.5	3.40	4.51	3.16	YES	NO
L0002971	0	0.78864E-03	461293.7	3763047.0	265.7	3.40	4.51	3.16	YES	NO
L0002972	0	0.78864E-03	461284.6	3763050.4	266.1	3.40	4.51	3.16	YES	NO
L0002973	0	0.78864E-03	461275.5	3763053.7	266.0	3.40	4.51	3.16	YES	NO
L0002974	0	0.78864E-03	461266.4	3763057.0	265.6	3.40	4.51	3.16	YES	NO
L0002975	0	0.78864E-03	461257.3	3763060.4	265.3	3.40	4.51	3.16	YES	NO
L0002976	0	0.78864E-03	461248.2	3763063.7	264.5	3.40	4.51	3.16	YES	NO
L0002977	0	0.78864E-03	461239.0	3763067.0	263.9	3.40	4.51	3.16	YES	NO
L0002978	0	0.78864E-03	461229.9	3763070.3	263.5	3.40	4.51	3.16	YES	NO
L0002979	0	0.78864E-03	461220.8	3763073.7	264.5	3.40	4.51			

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3.16     YES                    NO
 L0002980         0   0.78864E-03  461211.7 3763077.0   265.5     3.40     4.51
3.16     YES                    NO
 L0002981         0   0.78864E-03  461202.6 3763080.3   266.3     3.40     4.51
3.16     YES                    NO
 L0002982         0   0.78864E-03  461193.5 3763083.8   266.5     3.40     4.51
3.16     YES                    NO
 L0002983         0   0.78864E-03  461184.5 3763087.3   266.5     3.40     4.51
3.16     YES                    NO
 L0002984         0   0.78864E-03  461175.5 3763090.9   266.4     3.40     4.51
3.16     YES                    NO
 L0002985         0   0.78864E-03  461166.4 3763094.4   266.1     3.40     4.51
3.16     YES                    NO
 L0002986         0   0.78864E-03  461157.4 3763097.9   265.9     3.40     4.51
3.16     YES                    NO
 L0002987         0   0.78864E-03  461148.4 3763101.5   265.7     3.40     4.51
3.16     YES                    NO
 L0002988         0   0.78864E-03  461139.3 3763105.0   265.6     3.40     4.51
3.16     YES                    NO
 L0002989         0   0.78864E-03  461130.3 3763108.5   265.7     3.40     4.51
3.16     YES                    NO
 L0002990         0   0.78864E-03  461121.3 3763112.1   265.9     3.40     4.51
3.16     YES                    NO
 L0002991         0   0.78864E-03  461112.2 3763115.6   266.0     3.40     4.51
3.16     YES                    NO
 L0002992         0   0.78864E-03  461103.2 3763119.1   265.9     3.40     4.51
3.16     YES                    NO
 L0002993         0   0.78864E-03  461094.2 3763122.7   265.7     3.40     4.51
3.16     YES                    NO
 L0002994         0   0.78864E-03  461085.1 3763126.2   265.4     3.40     4.51
3.16     YES                    NO
 L0002995         0   0.78864E-03  461076.1 3763129.7   265.1     3.40     4.51
3.16     YES                    NO
 L0002996         0   0.78864E-03  461067.1 3763133.3   264.9     3.40     4.51
3.16     YES                    NO
 L0002997         0   0.78864E-03  461058.0 3763136.8   264.9     3.40     4.51
3.16     YES                    NO
 L0002998         0   0.78864E-03  461049.0 3763140.3   265.0     3.40     4.51
3.16     YES                    NO
 L0002999         0   0.78864E-03  461040.0 3763143.9   265.2     3.40     4.51
3.16     YES                    NO
 L0003000         0   0.78864E-03  461030.9 3763147.4   265.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0003001	0	0.78864E-03	461021.9	3763150.9	265.5	3.40	4.51	3.16	YES	NO	
L0003002	0	0.78864E-03	461012.9	3763154.5	265.5	3.40	4.51	3.16	YES	NO	
L0003003	0	0.78864E-03	461003.8	3763158.0	265.4	3.40	4.51	3.16	YES	NO	
L0003004	0	0.78864E-03	460994.8	3763161.5	265.4	3.40	4.51	3.16	YES	NO	
L0003005	0	0.78864E-03	460985.8	3763165.1	265.4	3.40	4.51	3.16	YES	NO	
L0003006	0	0.78864E-03	460976.7	3763168.6	265.5	3.40	4.51	3.16	YES	NO	
L0003007	0	0.78864E-03	460967.7	3763172.1	265.6	3.40	4.51	3.16	YES	NO	
L0003008	0	0.78864E-03	460958.7	3763175.7	265.9	3.40	4.51	3.16	YES	NO	
L0003009	0	0.78864E-03	460949.6	3763179.2	266.1	3.40	4.51	3.16	YES	NO	
L0003010	0	0.78864E-03	460940.6	3763182.7	266.2	3.40	4.51	3.16	YES	NO	
L0003011	0	0.78864E-03	460931.6	3763186.3	266.3	3.40	4.51	3.16	YES	NO	
L0003012	0	0.78864E-03	460922.5	3763189.8	266.4	3.40	4.51	3.16	YES	NO	
L0003013	0	0.78864E-03	460913.5	3763193.3	266.5	3.40	4.51	3.16	YES	NO	
L0003014	0	0.78864E-03	460904.5	3763196.9	266.6	3.40	4.51	3.16	YES	NO	
L0003015	0	0.78864E-03	460895.4	3763200.4	266.7	3.40	4.51	3.16	YES	NO	
L0003016	0	0.78864E-03	460886.4	3763203.9	267.0	3.40	4.51	3.16	YES	NO	
L0003017	0	0.78864E-03	460877.4	3763207.5	267.5	3.40	4.51	3.16	YES	NO	
L0003018	0	0.78864E-03	460868.3	3763211.0	267.7	3.40	4.51	3.16	YES	NO	
L0003019	0	0.78864E-03	460859.2	3763214.4	267.9	3.40	4.51				

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3.16     YES                    NO
 L0003020         0   0.78864E-03  460850.1 3763217.7   268.0     3.40     4.51
3.16     YES                    NO
 L0003021         0   0.78864E-03  460841.0 3763221.1   268.1     3.40     4.51
3.16     YES                    NO
 L0003022         0   0.78864E-03  460831.9 3763224.4   268.2     3.40     4.51
3.16     YES                    NO
 L0003023         0   0.78864E-03  460822.8 3763227.8   268.4     3.40     4.51
3.16     YES                    NO
 L0003024         0   0.78864E-03  460813.7 3763231.1   268.6     3.40     4.51
3.16     YES                    NO
 L0003025         0   0.78864E-03  460804.6 3763234.4   269.0     3.40     4.51
3.16     YES                    NO
 L0003026         0   0.78864E-03  460795.5 3763237.8   269.5     3.40     4.51
3.16     YES                    NO
 L0003027         0   0.78864E-03  460786.4 3763241.1   269.8     3.40     4.51
3.16     YES                    NO
 L0003028         0   0.78864E-03  460777.3 3763244.5   270.0     3.40     4.51
3.16     YES                    NO
 L0003029         0   0.78864E-03  460768.2 3763247.8   270.1     3.40     4.51
3.16     YES                    NO
 L0003030         0   0.78864E-03  460759.1 3763251.2   270.2     3.40     4.51
3.16     YES                    NO
 L0003031         0   0.78864E-03  460750.0 3763254.5   270.3     3.40     4.51
3.16     YES                    NO
 L0003032         0   0.78864E-03  460740.9 3763257.9   270.4     3.40     4.51
3.16     YES                    NO
 L0003033         0   0.78864E-03  460731.8 3763261.2   270.7     3.40     4.51
3.16     YES                    NO
 L0003034         0   0.78864E-03  460722.7 3763264.5   271.1     3.40     4.51
3.16     YES                    NO
 L0003035         0   0.78864E-03  460713.6 3763267.9   271.6     3.40     4.51
3.16     YES                    NO
 L0003036         0   0.78864E-03  460704.5 3763271.2   272.1     3.40     4.51
3.16     YES                    NO
 L0003037         0   0.78864E-03  460695.3 3763274.6   272.4     3.40     4.51
3.16     YES                    NO
 L0003038         0   0.78864E-03  460686.2 3763277.9   272.6     3.40     4.51
3.16     YES                    NO
 L0003039         0   0.78864E-03  460677.1 3763281.3   272.7     3.40     4.51
3.16     YES                    NO
 L0003040         0   0.78864E-03  460668.0 3763284.6   272.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0003041	0	0.78864E-03	460658.9	3763287.9	272.9	3.40	4.51	3.16	YES	NO
L0003042	0	0.78864E-03	460649.8	3763291.3	273.2	3.40	4.51	3.16	YES	NO
L0003043	0	0.78864E-03	460640.7	3763294.6	273.5	3.40	4.51	3.16	YES	NO
L0003044	0	0.78864E-03	460631.6	3763298.0	273.6	3.40	4.51	3.16	YES	NO
L0003045	0	0.78864E-03	460622.5	3763301.3	273.7	3.40	4.51	3.16	YES	NO
L0003046	0	0.78864E-03	460613.4	3763304.7	273.4	3.40	4.51	3.16	YES	NO
L0003047	0	0.78864E-03	460604.3	3763308.0	272.6	3.40	4.51	3.16	YES	NO
L0003048	0	0.78864E-03	460595.2	3763311.4	271.9	3.40	4.51	3.16	YES	NO
L0003049	0	0.78864E-03	460586.1	3763314.7	271.4	3.40	4.51	3.16	YES	NO
L0003050	0	0.78864E-03	460577.0	3763318.0	271.5	3.40	4.51	3.16	YES	NO
L0003051	0	0.78864E-03	460567.9	3763321.4	271.8	3.40	4.51	3.16	YES	NO
L0003052	0	0.78864E-03	460558.8	3763324.7	272.7	3.40	4.51	3.16	YES	NO
L0003053	0	0.78864E-03	460549.7	3763328.1	274.1	3.40	4.51	3.16	YES	NO
L0003054	0	0.78864E-03	460540.6	3763331.4	275.8	3.40	4.51	3.16	YES	NO
L0003055	0	0.78864E-03	460531.5	3763334.8	276.3	3.40	4.51	3.16	YES	NO
L0003056	0	0.78864E-03	460522.3	3763338.1	276.7	3.40	4.51	3.16	YES	NO
L0003057	0	0.78864E-03	460513.2	3763341.5	277.1	3.40	4.51	3.16	YES	NO
L0003058	0	0.78864E-03	460504.1	3763344.8	277.2	3.40	4.51	3.16	YES	NO
L0003059	0	0.78864E-03	460495.0	3763348.1	277.5	3.40	4.51			

3.16   YES   NO
 L0003060   0   0.78864E-03 460485.9 3763351.5   277.9   3.40   4.51
3.16   YES   NO
 L0003061   0   0.78864E-03 460476.8 3763354.8   278.3   3.40   4.51
3.16   YES   NO
 L0003062   0   0.78864E-03 460467.7 3763358.2   278.9   3.40   4.51
3.16   YES   NO
 L0003063   0   0.78864E-03 460458.6 3763361.5   279.6   3.40   4.51
3.16   YES   NO
 L0003064   0   0.78864E-03 460449.5 3763364.9   280.2   3.40   4.51
3.16   YES   NO
 L0003065   0   0.78864E-03 460440.4 3763368.3   280.9   3.40   4.51
3.16   YES   NO
 L0003066   0   0.78864E-03 460431.4 3763371.7   281.6   3.40   4.51
3.16   YES   NO
 L0003067   0   0.78864E-03 460422.3 3763375.1   282.0   3.40   4.51
3.16   YES   NO
 L0003068   0   0.78864E-03 460413.2 3763378.5   282.6   3.40   4.51
3.16   YES   NO
 L0003069   0   0.78864E-03 460404.1 3763381.9   282.8   3.40   4.51
3.16   YES   NO
 L0003070   0   0.78864E-03 460395.0 3763385.3   282.9   3.40   4.51
3.16   YES   NO
 L0003071   0   0.78864E-03 460385.9 3763388.7   282.9   3.40   4.51
3.16   YES   NO
 L0003072   0   0.78864E-03 460376.9 3763392.1   282.7   3.40   4.51
3.16   YES   NO
 L0003073   0   0.78864E-03 460367.8 3763395.5   282.7   3.40   4.51
3.16   YES   NO
 L0003074   0   0.78864E-03 460358.7 3763398.9   282.9   3.40   4.51
3.16   YES   NO
 L0003075   0   0.78864E-03 460349.6 3763402.3   283.2   3.40   4.51
3.16   YES   NO
 L0003076   0   0.78864E-03 460340.5 3763405.8   283.2   3.40   4.51
3.16   YES   NO
 L0003077   0   0.78864E-03 460331.4 3763409.2   283.1   3.40   4.51
3.16   YES   NO
 L0003078   0   0.78864E-03 460322.4 3763412.6   282.9   3.40   4.51
3.16   YES   NO
 L0003079   0   0.78864E-03 460313.3 3763416.0   282.5   3.40   4.51
3.16   YES   NO
 L0003080   0   0.78864E-03 460304.2 3763419.4   282.0   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0003081	0	0.78864E-03	460295.1	3763422.8	281.6	3.40	4.51	3.16	YES	NO
L0003082	0	0.78864E-03	460286.0	3763426.2	281.1	3.40	4.51	3.16	YES	NO
L0003083	0	0.78864E-03	460276.9	3763429.6	281.0	3.40	4.51	3.16	YES	NO
L0003084	0	0.78864E-03	460267.9	3763433.0	280.9	3.40	4.51	3.16	YES	NO
L0003085	0	0.78864E-03	460258.8	3763436.4	280.6	3.40	4.51	3.16	YES	NO
L0003086	0	0.78864E-03	460249.7	3763439.8	280.4	3.40	4.51	3.16	YES	NO
L0003087	0	0.78864E-03	460240.6	3763443.2	280.1	3.40	4.51	3.16	YES	NO
L0003088	0	0.78864E-03	460231.5	3763446.6	279.7	3.40	4.51	3.16	YES	NO
L0003089	0	0.78864E-03	460222.4	3763450.0	279.5	3.40	4.51	3.16	YES	NO
L0003090	0	0.78864E-03	460213.4	3763453.4	279.3	3.40	4.51	3.16	YES	NO
L0003091	0	0.78864E-03	460204.3	3763456.8	279.2	3.40	4.51	3.16	YES	NO
L0003092	0	0.78864E-03	460195.2	3763460.2	279.1	3.40	4.51	3.16	YES	NO
L0003093	0	0.78864E-03	460186.1	3763463.6	278.9	3.40	4.51	3.16	YES	NO
L0003094	0	0.78864E-03	460177.0	3763467.0	278.8	3.40	4.51	3.16	YES	NO
L0003095	0	0.78864E-03	460167.9	3763470.4	278.6	3.40	4.51	3.16	YES	NO
L0003096	0	0.78864E-03	460158.9	3763473.8	278.5	3.40	4.51	3.16	YES	NO
L0003097	0	0.78864E-03	460149.8	3763477.2	278.4	3.40	4.51	3.16	YES	NO
L0003098	0	0.78864E-03	460140.7	3763480.6	278.5	3.40	4.51	3.16	YES	NO
L0003099	0	0.78864E-03	460131.6	3763484.0	278.6	3.40	4.51			

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3.16     YES                    NO
 L0003100         0   0.78864E-03  460122.5 3763487.4   278.7     3.40     4.51
3.16     YES                    NO
 L0003101         0   0.78864E-03  460113.4 3763490.8   278.7     3.40     4.51
3.16     YES                    NO
 L0003102         0   0.78864E-03  460104.4 3763494.2   278.7     3.40     4.51
3.16     YES                    NO
 L0003103         0   0.78864E-03  460095.3 3763497.6   278.6     3.40     4.51
3.16     YES                    NO
 L0003104         0   0.78864E-03  460086.1 3763500.7   278.7     3.40     4.51
3.16     YES                    NO
 L0003105         0   0.78864E-03  460076.9 3763503.9   278.7     3.40     4.51
3.16     YES                    NO
 L0003106         0   0.78864E-03  460067.7 3763507.0   278.8     3.40     4.51
3.16     YES                    NO
 L0003107         0   0.78864E-03  460058.5 3763510.1   279.0     3.40     4.51
3.16     YES                    NO
 L0003108         0   0.78864E-03  460049.3 3763513.2   279.3     3.40     4.51
3.16     YES                    NO
 L0003109         0   0.78864E-03  460040.2 3763516.3   279.6     3.40     4.51
3.16     YES                    NO
 L0003110         0   0.78864E-03  460031.0 3763519.5   279.9     3.40     4.51
3.16     YES                    NO
 L0003111         0   0.78864E-03  460021.8 3763522.6   279.8     3.40     4.51
3.16     YES                    NO
 L0003112         0   0.78864E-03  460012.6 3763525.7   279.7     3.40     4.51
3.16     YES                    NO
 L0003113         0   0.78864E-03  460003.4 3763528.8   279.6     3.40     4.51
3.16     YES                    NO
 L0003114         0   0.78864E-03  459994.2 3763531.9   279.1     3.40     4.51
3.16     YES                    NO
 L0003115         0   0.78864E-03  459985.0 3763535.0   278.5     3.40     4.51
3.16     YES                    NO
 L0003116         0   0.78864E-03  459975.9 3763538.2   277.9     3.40     4.51
3.16     YES                    NO
 L0003117         0   0.78864E-03  459966.7 3763541.3   277.1     3.40     4.51
3.16     YES                    NO
 L0003118         0   0.78864E-03  459957.5 3763544.4   276.5     3.40     4.51
3.16     YES                    NO
 L0003119         0   0.78864E-03  459948.3 3763547.5   276.2     3.40     4.51
3.16     YES                    NO
 L0003120         0   0.78864E-03  459939.1 3763550.6   277.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0003121	0	0.78864E-03	459929.9	3763553.7	278.0	3.40	4.51	3.16	YES	NO
L0003122	0	0.78864E-03	459920.7	3763556.8	278.7	3.40	4.51	3.16	YES	NO
L0003123	0	0.78864E-03	459911.5	3763559.7	279.2	3.40	4.51	3.16	YES	NO
L0003124	0	0.78864E-03	459902.2	3763562.6	279.6	3.40	4.51	3.16	YES	NO
L0003125	0	0.78864E-03	459892.9	3763565.5	279.8	3.40	4.51	3.16	YES	NO
L0003126	0	0.78864E-03	459883.7	3763568.3	279.9	3.40	4.51	3.16	YES	NO
L0003127	0	0.78864E-03	459874.4	3763571.2	280.1	3.40	4.51	3.16	YES	NO
L0003128	0	0.78864E-03	459865.2	3763574.1	280.1	3.40	4.51	3.16	YES	NO
L0003129	0	0.78864E-03	459855.9	3763577.0	280.2	3.40	4.51	3.16	YES	NO
L0003130	0	0.78864E-03	459846.6	3763579.9	280.4	3.40	4.51	3.16	YES	NO
L0003131	0	0.78864E-03	459837.4	3763582.8	280.4	3.40	4.51	3.16	YES	NO
L0003132	0	0.78864E-03	459828.1	3763585.7	280.2	3.40	4.51	3.16	YES	NO
L0003133	0	0.78864E-03	459818.9	3763588.6	280.1	3.40	4.51	3.16	YES	NO
L0003134	0	0.78864E-03	459809.6	3763591.5	279.9	3.40	4.51	3.16	YES	NO
L0003135	0	0.78864E-03	459800.3	3763594.3	279.8	3.40	4.51	3.16	YES	NO
L0003136	0	0.78864E-03	459791.1	3763597.2	279.7	3.40	4.51	3.16	YES	NO
L0003137	0	0.78864E-03	459781.8	3763600.1	279.6	3.40	4.51	3.16	YES	NO
L0003138	0	0.78864E-03	459772.6	3763603.0	279.6	3.40	4.51	3.16	YES	NO
L0003139	0	0.78864E-03	459763.3	3763605.9	279.6	3.40	4.51			

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3.16     YES                    NO
 L0003140         0   0.78864E-03  459754.0 3763608.8   279.6     3.40     4.51
3.16     YES                    NO
 L0003141         0   0.78864E-03  459744.8 3763611.7   279.6     3.40     4.51
3.16     YES                    NO
 L0003142         0   0.78864E-03  459735.5 3763614.6   279.4     3.40     4.51
3.16     YES                    NO
 L0003143         0   0.78864E-03  459726.3 3763617.5   279.3     3.40     4.51
3.16     YES                    NO
 L0003144         0   0.78864E-03  459717.0 3763620.3   279.2     3.40     4.51
3.16     YES                    NO
 L0003145         0   0.78864E-03  459707.7 3763623.2   279.1     3.40     4.51
3.16     YES                    NO
 L0003146         0   0.78864E-03  459698.5 3763626.1   279.0     3.40     4.51
3.16     YES                    NO
 L0003147         0   0.78864E-03  459689.1 3763628.3   279.0     3.40     4.51
3.16     YES                    NO
 L0003148         0   0.78864E-03  459679.6 3763630.4   278.9     3.40     4.51
3.16     YES                    NO
 L0003149         0   0.78864E-03  459670.1 3763632.4   278.9     3.40     4.51
3.16     YES                    NO
 L0003150         0   0.78864E-03  459660.6 3763634.3   279.0     3.40     4.51
3.16     YES                    NO
 L0003151         0   0.78864E-03  459651.0 3763636.1   279.0     3.40     4.51
3.16     YES                    NO
 L0003152         0   0.78864E-03  459641.5 3763637.8   279.0     3.40     4.51
3.16     YES                    NO
 L0003153         0   0.78864E-03  459631.9 3763639.5   279.0     3.40     4.51
3.16     YES                    NO
 L0003154         0   0.78864E-03  459622.4 3763641.2   279.1     3.40     4.51
3.16     YES                    NO
 L0003155         0   0.78864E-03  459612.8 3763643.0   279.1     3.40     4.51
3.16     YES                    NO
 L0003156         0   0.78864E-03  459603.3 3763644.7   279.2     3.40     4.51
3.16     YES                    NO
 L0003157         0   0.78864E-03  459593.8 3763646.4   279.2     3.40     4.51
3.16     YES                    NO
 L0003158         0   0.78864E-03  459584.2 3763648.1   279.3     3.40     4.51
3.16     YES                    NO
 L0003159         0   0.78864E-03  459574.7 3763649.9   279.4     3.40     4.51
3.16     YES                    NO
 L0003160         0   0.78864E-03  459565.1 3763651.6   279.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0003161	0	0.78864E-03	459555.6	3763653.3	279.7	3.40	4.51	3.16	YES	NO	
L0003162	0	0.78864E-03	459546.0	3763655.0	279.8	3.40	4.51	3.16	YES	NO	
L0003163	0	0.78864E-03	459536.5	3763656.8	279.9	3.40	4.51	3.16	YES	NO	
L0003164	0	0.78864E-03	459526.9	3763658.5	280.1	3.40	4.51	3.16	YES	NO	
L0003165	0	0.78864E-03	459517.4	3763660.2	280.3	3.40	4.51	3.16	YES	NO	
L0003166	0	0.78864E-03	459507.8	3763661.9	280.4	3.40	4.51	3.16	YES	NO	
L0003167	0	0.78864E-03	459498.3	3763663.6	280.7	3.40	4.51	3.16	YES	NO	
L0003168	0	0.78864E-03	459488.8	3763665.4	280.9	3.40	4.51	3.16	YES	NO	
L0003169	0	0.78864E-03	459479.2	3763667.1	281.1	3.40	4.51	3.16	YES	NO	
L0003170	0	0.78864E-03	459469.7	3763668.8	281.4	3.40	4.51	3.16	YES	NO	
L0003171	0	0.78864E-03	459460.1	3763670.5	281.6	3.40	4.51	3.16	YES	NO	
L0003172	0	0.78864E-03	459450.6	3763672.3	281.9	3.40	4.51	3.16	YES	NO	
L0003173	0	0.78864E-03	459441.0	3763674.0	282.2	3.40	4.51	3.16	YES	NO	
L0003174	0	0.78864E-03	459431.5	3763675.7	282.5	3.40	4.51	3.16	YES	NO	
L0003175	0	0.78864E-03	459421.9	3763677.4	282.7	3.40	4.51	3.16	YES	NO	
L0003176	0	0.78864E-03	459412.4	3763679.2	283.0	3.40	4.51	3.16	YES	NO	
L0003177	0	0.78864E-03	459402.8	3763680.9	283.2	3.40	4.51	3.16	YES	NO	
L0003178	0	0.78864E-03	459393.3	3763682.6	283.5	3.40	4.51	3.16	YES	NO	
L0003179	0	0.78864E-03	459383.8	3763684.3	283.8	3.40	4.51				

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3.16     YES                    NO
 L0003180         0   0.78864E-03  459374.2 3763686.1   284.0     3.40     4.51
3.16     YES                    NO
 L0003181         0   0.78864E-03  459364.7 3763687.8   284.2     3.40     4.51
3.16     YES                    NO
 L0003182         0   0.78864E-03  459355.1 3763689.5   284.5     3.40     4.51
3.16     YES                    NO
 L0003183         0   0.78864E-03  459345.6 3763691.2   284.7     3.40     4.51
3.16     YES                    NO
 L0003184         0   0.78864E-03  459336.0 3763693.0   285.0     3.40     4.51
3.16     YES                    NO
 L0003185         0   0.78864E-03  459326.5 3763694.7   285.2     3.40     4.51
3.16     YES                    NO
 L0003186         0   0.78864E-03  459316.9 3763696.4   285.4     3.40     4.51
3.16     YES                    NO
 L0003187         0   0.78864E-03  459307.4 3763698.1   285.6     3.40     4.51
3.16     YES                    NO
 L0003188         0   0.78864E-03  459297.8 3763699.8   285.8     3.40     4.51
3.16     YES                    NO
 L0003189         0   0.78864E-03  459288.3 3763701.6   286.0     3.40     4.51
3.16     YES                    NO
 L0003190         0   0.78864E-03  459278.8 3763703.3   286.2     3.40     4.51
3.16     YES                    NO
 L0003191         0   0.78864E-03  459269.2 3763705.0   286.3     3.40     4.51
3.16     YES                    NO
 L0003192         0   0.78864E-03  459259.7 3763706.7   286.5     3.40     4.51
3.16     YES                    NO
 L0003193         0   0.78864E-03  459250.1 3763708.5   286.7     3.40     4.51
3.16     YES                    NO
 L0003194         0   0.78864E-03  459240.6 3763710.2   286.9     3.40     4.51
3.16     YES                    NO
 L0003195         0   0.78864E-03  459231.0 3763711.9   287.0     3.40     4.51
3.16     YES                    NO
 L0003196         0   0.78864E-03  459221.5 3763713.6   287.2     3.40     4.51
3.16     YES                    NO
 L0003197         0   0.78864E-03  459211.9 3763715.4   287.4     3.40     4.51
3.16     YES                    NO
 L0003198         0   0.78864E-03  459202.4 3763717.1   287.6     3.40     4.51
3.16     YES                    NO
 L0003199         0   0.78864E-03  459192.8 3763718.8   287.8     3.40     4.51
3.16     YES                    NO
 L0003200         0   0.78864E-03  459183.3 3763720.5   287.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0003201	0	0.78864E-03	459173.8	3763722.3	288.1	3.40	4.51	3.16	YES	NO
L0003202	0	0.78864E-03	459164.2	3763724.0	288.2	3.40	4.51	3.16	YES	NO
L0003203	0	0.78864E-03	459154.7	3763725.7	288.3	3.40	4.51	3.16	YES	NO
L0003204	0	0.78864E-03	459145.1	3763727.4	288.4	3.40	4.51	3.16	YES	NO
L0003205	0	0.78864E-03	459135.6	3763729.1	288.5	3.40	4.51	3.16	YES	NO
L0003206	0	0.78864E-03	459126.0	3763730.9	288.6	3.40	4.51	3.16	YES	NO
L0003207	0	0.78864E-03	459116.5	3763732.6	288.7	3.40	4.51	3.16	YES	NO
L0003208	0	0.78864E-03	459106.9	3763734.3	288.8	3.40	4.51	3.16	YES	NO
L0003209	0	0.78864E-03	459097.4	3763736.0	288.9	3.40	4.51	3.16	YES	NO
L0003210	0	0.78864E-03	459087.8	3763737.8	289.0	3.40	4.51	3.16	YES	NO
L0003211	0	0.78864E-03	459078.3	3763739.5	289.1	3.40	4.51	3.16	YES	NO
L0003212	0	0.78864E-03	459068.8	3763741.2	289.2	3.40	4.51	3.16	YES	NO
L0003213	0	0.78864E-03	459059.2	3763742.9	289.3	3.40	4.51	3.16	YES	NO
L0003214	0	0.78864E-03	459049.7	3763744.6	289.4	3.40	4.51	3.16	YES	NO
L0003215	0	0.78864E-03	459040.0	3763746.0	289.5	3.40	4.51	3.16	YES	NO
L0003216	0	0.78864E-03	459030.4	3763747.3	289.6	3.40	4.51	3.16	YES	NO
L0003217	0	0.78864E-03	459020.8	3763748.6	289.7	3.40	4.51	3.16	YES	NO
L0003218	0	0.78864E-03	459011.2	3763749.9	289.8	3.40	4.51	3.16	YES	NO
L0003219	0	0.78864E-03	459001.6	3763751.3	289.8	3.40	4.51			

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3.16     YES                    NO
 L0003220         0   0.78864E-03  458992.0 3763752.6   289.9     3.40     4.51
3.16     YES                    NO
 L0003221         0   0.78864E-03  458982.4 3763753.9   289.9     3.40     4.51
3.16     YES                    NO
 L0003222         0   0.78864E-03  458972.8 3763755.2   290.0     3.40     4.51
3.16     YES                    NO
 L0003223         0   0.78864E-03  458963.2 3763756.6   290.0     3.40     4.51
3.16     YES                    NO
 L0003224         0   0.78864E-03  458953.6 3763757.9   290.1     3.40     4.51
3.16     YES                    NO
 L0003225         0   0.78864E-03  458944.0 3763759.2   290.1     3.40     4.51
3.16     YES                    NO
 L0003226         0   0.78864E-03  458934.3 3763760.6   290.1     3.40     4.51
3.16     YES                    NO
 L0003227         0   0.78864E-03  458924.7 3763761.9   290.0     3.40     4.51
3.16     YES                    NO
 L0003228         0   0.78864E-03  458915.1 3763763.2   290.0     3.40     4.51
3.16     YES                    NO
 L0003229         0   0.78864E-03  458905.5 3763764.5   290.0     3.40     4.51
3.16     YES                    NO
 L0003230         0   0.78864E-03  458895.9 3763765.9   289.9     3.40     4.51
3.16     YES                    NO
 L0003231         0   0.78864E-03  458886.3 3763767.2   289.9     3.40     4.51
3.16     YES                    NO
 L0003232         0   0.78864E-03  458876.7 3763768.5   289.8     3.40     4.51
3.16     YES                    NO
 L0003233         0   0.78864E-03  458867.1 3763769.9   289.7     3.40     4.51
3.16     YES                    NO
 L0003234         0   0.78864E-03  458857.6 3763771.8   289.7     3.40     4.51
3.16     YES                    NO
 L0003235         0   0.78864E-03  458848.1 3763773.6   289.6     3.40     4.51
3.16     YES                    NO
 L0003236         0   0.78864E-03  458838.5 3763775.5   289.6     3.40     4.51
3.16     YES                    NO
 L0003237         0   0.78864E-03  458829.0 3763777.3   289.5     3.40     4.51
3.16     YES                    NO
 L0003238         0   0.78864E-03  458819.5 3763779.2   289.5     3.40     4.51
3.16     YES                    NO
 L0003239         0   0.78864E-03  458810.0 3763781.0   289.4     3.40     4.51
3.16     YES                    NO
 L0003240         0   0.78864E-03  458800.4 3763782.8   289.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0003241	0	0.78864E-03	458790.9	3763784.7	289.1	3.40	4.51	3.16	YES	NO
L0003242	0	0.78864E-03	458781.4	3763786.5	289.0	3.40	4.51	3.16	YES	NO
L0003243	0	0.78864E-03	458771.9	3763788.4	288.8	3.40	4.51	3.16	YES	NO
L0003244	0	0.78864E-03	458762.3	3763790.2	288.6	3.40	4.51	3.16	YES	NO
L0003245	0	0.78864E-03	458752.8	3763792.1	288.4	3.40	4.51	3.16	YES	NO
L0003246	0	0.78864E-03	458743.3	3763793.9	288.2	3.40	4.51	3.16	YES	NO
L0003247	0	0.78864E-03	458733.8	3763795.8	288.0	3.40	4.51	3.16	YES	NO
L0003248	0	0.78864E-03	458724.3	3763797.6	287.8	3.40	4.51	3.16	YES	NO
L0003249	0	0.78864E-03	458714.7	3763799.5	287.6	3.40	4.51	3.16	YES	NO
L0003250	0	0.78864E-03	458705.2	3763801.3	287.4	3.40	4.51	3.16	YES	NO
L0003251	0	0.78864E-03	458695.7	3763803.2	287.2	3.40	4.51	3.16	YES	NO
L0003252	0	0.78864E-03	458686.2	3763805.0	287.1	3.40	4.51	3.16	YES	NO
L0003253	0	0.78864E-03	458676.6	3763806.8	287.0	3.40	4.51	3.16	YES	NO
L0003254	0	0.78864E-03	458667.1	3763808.7	286.8	3.40	4.51	3.16	YES	NO
L0003255	0	0.78864E-03	458657.6	3763810.5	286.6	3.40	4.51	3.16	YES	NO
L0003256	0	0.78864E-03	458648.1	3763812.4	286.4	3.40	4.51	3.16	YES	NO
L0003257	0	0.78864E-03	458638.6	3763814.2	286.2	3.40	4.51	3.16	YES	NO
L0003258	0	0.78864E-03	458629.0	3763816.1	285.8	3.40	4.51	3.16	YES	NO
L0003259	0	0.78864E-03	458619.5	3763817.9	285.4	3.40	4.51			

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3.16     YES                    NO
 L0003260         0   0.78864E-03  458610.0 3763819.8   285.1     3.40     4.51
3.16     YES                    NO
 L0003261         0   0.78864E-03  458600.5 3763821.6   284.8     3.40     4.51
3.16     YES                    NO
 L0003262         0   0.78864E-03  458590.9 3763823.5   284.5     3.40     4.51
3.16     YES                    NO
 L0003263         0   0.78864E-03  458581.4 3763825.3   284.3     3.40     4.51
3.16     YES                    NO
 L0003264         0   0.78864E-03  458571.9 3763827.2   284.1     3.40     4.51
3.16     YES                    NO
 L0003265         0   0.78864E-03  458562.4 3763829.0   283.9     3.40     4.51
3.16     YES                    NO
 L0003266         0   0.78864E-03  458552.9 3763830.8   283.8     3.40     4.51
3.16     YES                    NO
 L0003267         0   0.78864E-03  458543.3 3763832.7   283.8     3.40     4.51
3.16     YES                    NO
 L0003268         0   0.78864E-03  458533.8 3763834.5   283.7     3.40     4.51
3.16     YES                    NO
 L0003269         0   0.78864E-03  458524.3 3763836.4   283.7     3.40     4.51
3.16     YES                    NO
 L0003270         0   0.78864E-03  458514.8 3763838.2   283.6     3.40     4.51
3.16     YES                    NO
 L0003271         0   0.78864E-03  458505.2 3763840.1   283.4     3.40     4.51
3.16     YES                    NO
 L0003272         0   0.78864E-03  458495.7 3763841.9   283.3     3.40     4.51
3.16     YES                    NO
 L0003273         0   0.78864E-03  458486.2 3763843.8   282.9     3.40     4.51
3.16     YES                    NO
 L0003274         0   0.78864E-03  458476.7 3763845.6   281.8     3.40     4.51
3.16     YES                    NO
 L0003275         0   0.78864E-03  458467.1 3763847.5   280.8     3.40     4.51
3.16     YES                    NO
 L0003276         0   0.78864E-03  458457.6 3763849.3   280.5     3.40     4.51
3.16     YES                    NO
 L0003277         0   0.78864E-03  458448.1 3763851.2   280.6     3.40     4.51
3.16     YES                    NO
 L0003278         0   0.78864E-03  458438.6 3763853.0   280.7     3.40     4.51
3.16     YES                    NO
 L0003279         0   0.78864E-03  458429.1 3763854.8   281.4     3.40     4.51
3.16     YES                    NO
 L0003280         0   0.78864E-03  458419.5 3763856.7   282.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0003281	0	0.78864E-03	458410.0	3763858.5	282.5	3.40	4.51	3.16	YES	NO	
L0003282	0	0.78864E-03	458400.5	3763860.4	282.5	3.40	4.51	3.16	YES	NO	
L0003283	0	0.78864E-03	458391.0	3763862.2	282.6	3.40	4.51	3.16	YES	NO	
L0003284	0	0.78864E-03	458381.4	3763864.1	282.7	3.40	4.51	3.16	YES	NO	
L0003285	0	0.78864E-03	458371.9	3763865.9	282.8	3.40	4.51	3.16	YES	NO	
L0003286	0	0.78864E-03	458362.4	3763867.8	282.9	3.40	4.51	3.16	YES	NO	
L0003287	0	0.78864E-03	458352.9	3763869.6	282.9	3.40	4.51	3.16	YES	NO	
L0003288	0	0.78864E-03	458343.4	3763871.5	283.0	3.40	4.51	3.16	YES	NO	
L0003289	0	0.78864E-03	458333.8	3763873.3	283.0	3.40	4.51	3.16	YES	NO	
L0003290	0	0.78864E-03	458324.3	3763875.2	283.0	3.40	4.51	3.16	YES	NO	
L0003291	0	0.78864E-03	458314.8	3763877.0	283.0	3.40	4.51	3.16	YES	NO	
L0003292	0	0.78864E-03	458305.3	3763878.9	283.0	3.40	4.51	3.16	YES	NO	
L0003293	0	0.78864E-03	458295.7	3763880.7	283.1	3.40	4.51	3.16	YES	NO	
L0003294	0	0.78864E-03	458286.2	3763882.5	283.2	3.40	4.51	3.16	YES	NO	
L0003295	0	0.78864E-03	458276.7	3763884.4	283.3	3.40	4.51	3.16	YES	NO	
L0003296	0	0.78864E-03	458267.2	3763886.2	283.4	3.40	4.51	3.16	YES	NO	
L0003297	0	0.78864E-03	458257.6	3763888.1	283.5	3.40	4.51	3.16	YES	NO	
L0003298	0	0.78864E-03	458248.1	3763889.9	283.6	3.40	4.51	3.16	YES	NO	
L0003299	0	0.78864E-03	458238.6	3763891.8	283.7	3.40	4.51				

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3.16     YES                    NO
 L0003300         0   0.78864E-03  458229.1 3763893.6   283.8     3.40     4.51
3.16     YES                    NO
 L0003301         0   0.78864E-03  458219.6 3763895.5   283.8     3.40     4.51
3.16     YES                    NO
 L0003302         0   0.78864E-03  458210.0 3763897.3   283.8     3.40     4.51
3.16     YES                    NO
 L0003303         0   0.78864E-03  458200.5 3763899.2   283.8     3.40     4.51
3.16     YES                    NO
 L0003304         0   0.78864E-03  458191.0 3763901.0   283.9     3.40     4.51
3.16     YES                    NO
 L0003305         0   0.78864E-03  458181.5 3763902.9   283.9     3.40     4.51
3.16     YES                    NO
 L0003306         0   0.78864E-03  458171.9 3763904.7   284.1     3.40     4.51
3.16     YES                    NO
 L0003307         0   0.78864E-03  458162.4 3763906.5   284.2     3.40     4.51
3.16     YES                    NO
 L0003308         0   0.78864E-03  458152.9 3763908.4   284.5     3.40     4.51
3.16     YES                    NO
 L0003309         0   0.78864E-03  458143.4 3763910.2   284.6     3.40     4.51
3.16     YES                    NO
 L0003310         0   0.78864E-03  458133.9 3763912.1   284.9     3.40     4.51
3.16     YES                    NO
 L0003311         0   0.78864E-03  458124.3 3763913.9   285.0     3.40     4.51
3.16     YES                    NO
 L0003312         0   0.78864E-03  458114.8 3763915.8   285.0     3.40     4.51
3.16     YES                    NO
 L0003313         0   0.78864E-03  458105.3 3763917.6   285.1     3.40     4.51
3.16     YES                    NO
 L0003314         0   0.78864E-03  458095.8 3763919.5   285.0     3.40     4.51
3.16     YES                    NO
 L0003315         0   0.78864E-03  458086.2 3763921.3   284.9     3.40     4.51
3.16     YES                    NO
 L0003316         0   0.78864E-03  458076.7 3763923.2   284.8     3.40     4.51
3.16     YES                    NO
 L0003317         0   0.78864E-03  458067.2 3763925.0   284.6     3.40     4.51
3.16     YES                    NO
 L0003318         0   0.78864E-03  458057.7 3763926.9   284.3     3.40     4.51
3.16     YES                    NO
 L0003319         0   0.78864E-03  458048.1 3763928.7   284.2     3.40     4.51
3.16     YES                    NO
 L0003320         0   0.78864E-03  458038.6 3763930.5   284.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0003321	0	0.78864E-03	458029.1	3763932.4	284.1	3.40	4.51	3.16	YES	NO
L0003322	0	0.78864E-03	458019.6	3763934.2	284.1	3.40	4.51	3.16	YES	NO
L0003323	0	0.78864E-03	458010.1	3763936.1	284.0	3.40	4.51	3.16	YES	NO
L0003324	0	0.78864E-03	458000.5	3763937.9	283.9	3.40	4.51	3.16	YES	NO
L0003325	0	0.78864E-03	457991.0	3763939.8	283.8	3.40	4.51	3.16	YES	NO
L0003326	0	0.78864E-03	457981.5	3763941.6	283.7	3.40	4.51	3.16	YES	NO
L0003327	0	0.78864E-03	457972.0	3763943.5	283.5	3.40	4.51	3.16	YES	NO
L0003328	0	0.78864E-03	457962.4	3763945.3	283.3	3.40	4.51	3.16	YES	NO
L0003329	0	0.78864E-03	457952.9	3763947.2	283.1	3.40	4.51	3.16	YES	NO
L0003330	0	0.78864E-03	457943.4	3763949.0	282.9	3.40	4.51	3.16	YES	NO
L0003331	0	0.78864E-03	457933.9	3763950.9	282.6	3.40	4.51	3.16	YES	NO
L0003332	0	0.78864E-03	457924.4	3763952.7	282.3	3.40	4.51	3.16	YES	NO
L0003333	0	0.78864E-03	457914.8	3763954.5	281.9	3.40	4.51	3.16	YES	NO
L0003334	0	0.78864E-03	457905.3	3763956.4	281.5	3.40	4.51	3.16	YES	NO
L0003335	0	0.78864E-03	457895.8	3763958.2	281.0	3.40	4.51	3.16	YES	NO
L0003336	0	0.78864E-03	457886.3	3763960.1	280.6	3.40	4.51	3.16	YES	NO
L0003337	0	0.78864E-03	457876.7	3763961.9	280.3	3.40	4.51	3.16	YES	NO
L0003338	0	0.78864E-03	457867.2	3763963.8	280.0	3.40	4.51	3.16	YES	NO
L0003339	0	0.78864E-03	457857.7	3763965.6	279.7	3.40	4.51			

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3.16     YES                    NO
 L0003340         0   0.78864E-03  457848.2 3763967.5   279.4     3.40     4.51
3.16     YES                    NO
 L0003341         0   0.78864E-03  457838.7 3763969.3   279.1     3.40     4.51
3.16     YES                    NO
 L0003342         0   0.78864E-03  457829.1 3763971.2   278.8     3.40     4.51
3.16     YES                    NO
 L0003343         0   0.78864E-03  457819.6 3763973.0   278.4     3.40     4.51
3.16     YES                    NO
 L0003344         0   0.78864E-03  457810.1 3763974.9   278.1     3.40     4.51
3.16     YES                    NO
 L0003345         0   0.78864E-03  457800.6 3763976.7   277.8     3.40     4.51
3.16     YES                    NO
 L0003346         0   0.78864E-03  457791.0 3763978.6   277.4     3.40     4.51
3.16     YES                    NO
 L0003347         0   0.78864E-03  457781.5 3763980.4   277.1     3.40     4.51
3.16     YES                    NO
 L0003348         0   0.78864E-03  457772.0 3763982.2   276.8     3.40     4.51
3.16     YES                    NO
 L0003349         0   0.78864E-03  457762.5 3763984.1   276.4     3.40     4.51
3.16     YES                    NO
 L0003350         0   0.78864E-03  457752.9 3763985.9   276.1     3.40     4.51
3.16     YES                    NO
 L0003351         0   0.78864E-03  457743.4 3763987.8   275.8     3.40     4.51
3.16     YES                    NO
 L0003352         0   0.78864E-03  457733.9 3763989.6   275.5     3.40     4.51
3.16     YES                    NO
 L0003353         0   0.78864E-03  457724.4 3763991.5   275.2     3.40     4.51
3.16     YES                    NO
 L0003354         0   0.78864E-03  457714.9 3763993.3   275.0     3.40     4.51
3.16     YES                    NO
 L0003355         0   0.78864E-03  457705.3 3763995.2   274.8     3.40     4.51
3.16     YES                    NO
 L0003356         0   0.78864E-03  457695.8 3763997.0   274.6     3.40     4.51
3.16     YES                    NO
 L0003357         0   0.78864E-03  457686.3 3763998.9   274.3     3.40     4.51
3.16     YES                    NO
 L0003358         0   0.78864E-03  457676.8 3764000.7   274.0     3.40     4.51
3.16     YES                    NO
 L0003359         0   0.78864E-03  457667.2 3764002.6   273.7     3.40     4.51
3.16     YES                    NO
 L0003360         0   0.78864E-03  457657.7 3764004.4   273.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY	AIRCRAFT
L0003361	0	0.78864E-03	457648.2	3764006.2	273.0	3.40	4.51	3.16	YES	NO	
L0003362	0	0.78864E-03	457638.7	3764008.1	272.7	3.40	4.51	3.16	YES	NO	
L0003363	0	0.78864E-03	457629.2	3764009.9	272.4	3.40	4.51	3.16	YES	NO	
L0003364	0	0.78864E-03	457619.6	3764011.8	272.1	3.40	4.51	3.16	YES	NO	
L0003365	0	0.78864E-03	457610.1	3764013.6	271.9	3.40	4.51	3.16	YES	NO	
L0003366	0	0.78864E-03	457600.6	3764015.5	271.8	3.40	4.51	3.16	YES	NO	
L0003367	0	0.78864E-03	457591.1	3764017.3	271.6	3.40	4.51	3.16	YES	NO	
L0003368	0	0.78864E-03	457581.5	3764019.2	271.5	3.40	4.51	3.16	YES	NO	
L0003369	0	0.78864E-03	457572.0	3764021.0	271.5	3.40	4.51	3.16	YES	NO	
L0003370	0	0.78864E-03	457562.5	3764022.8	271.4	3.40	4.51	3.16	YES	NO	
L0003371	0	0.78864E-03	457552.9	3764024.6	271.2	3.40	4.51	3.16	YES	NO	
L0003372	0	0.78864E-03	457543.4	3764026.4	271.0	3.40	4.51	3.16	YES	NO	
L0003373	0	0.78864E-03	457533.9	3764028.2	270.8	3.40	4.51	3.16	YES	NO	
L0003374	0	0.78864E-03	457524.3	3764029.9	270.6	3.40	4.51	3.16	YES	NO	
L0003375	0	0.78864E-03	457514.8	3764031.7	270.5	3.40	4.51	3.16	YES	NO	
L0003376	0	0.78864E-03	457505.3	3764033.5	270.3	3.40	4.51	3.16	YES	NO	
L0003377	0	0.78864E-03	457495.7	3764035.3	270.2	3.40	4.51	3.16	YES	NO	
L0003378	0	0.78864E-03	457486.2	3764037.1	270.1	3.40	4.51	3.16	YES	NO	
L0003379	0	0.78864E-03	457476.7	3764038.9	269.9	3.40	4.51				

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3.16     YES                    NO
 L0003380         0   0.78864E-03  457467.1 3764040.7   269.8     3.40     4.51
3.16     YES                    NO
 L0003381         0   0.78864E-03  457457.6 3764042.5   269.7     3.40     4.51
3.16     YES                    NO
 L0003382         0   0.78864E-03  457448.1 3764044.2   269.6     3.40     4.51
3.16     YES                    NO
 L0003383         0   0.78864E-03  457438.5 3764046.0   269.4     3.40     4.51
3.16     YES                    NO
 L0003384         0   0.78864E-03  457429.0 3764047.8   269.3     3.40     4.51
3.16     YES                    NO
 L0003385         0   0.78864E-03  457419.5 3764049.6   269.2     3.40     4.51
3.16     YES                    NO
 L0003386         0   0.78864E-03  457409.9 3764051.4   269.0     3.40     4.51
3.16     YES                    NO
 L0003387         0   0.78864E-03  457400.4 3764053.2   268.9     3.40     4.51
3.16     YES                    NO
 L0003388         0   0.78864E-03  457390.9 3764055.0   268.7     3.40     4.51
3.16     YES                    NO
 L0003389         0   0.78864E-03  457381.3 3764056.8   268.5     3.40     4.51
3.16     YES                    NO
 L0003390         0   0.78864E-03  457371.8 3764058.5   268.2     3.40     4.51
3.16     YES                    NO
 L0003391         0   0.78864E-03  457362.3 3764060.3   268.0     3.40     4.51
3.16     YES                    NO
 L0003392         0   0.78864E-03  457352.7 3764062.1   267.3     3.40     4.51
3.16     YES                    NO
 L0003393         0   0.78864E-03  457343.2 3764063.9   266.6     3.40     4.51
3.16     YES                    NO
 L0003394         0   0.78864E-03  457333.7 3764065.7   265.7     3.40     4.51
3.16     YES                    NO
 L0003395         0   0.78864E-03  457324.1 3764067.5   264.0     3.40     4.51
3.16     YES                    NO
 L0003396         0   0.78864E-03  457314.6 3764069.3   262.5     3.40     4.51
3.16     YES                    NO
 L0003397         0   0.78864E-03  457305.1 3764071.1   261.9     3.40     4.51
3.16     YES                    NO
 L0003398         0   0.78864E-03  457295.5 3764072.8   262.4     3.40     4.51
3.16     YES                    NO
 L0003399         0   0.78864E-03  457286.0 3764074.6   262.7     3.40     4.51
3.16     YES                    NO
 L0003400         0   0.78864E-03  457276.5 3764076.4   263.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT EMISSION RATE SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0003401	0	0.78864E-03	NO	457266.9	3764078.2	265.0	3.40	4.51	3.16	YES
L0003402	0	0.78864E-03	NO	457257.4	3764080.0	266.0	3.40	4.51	3.16	YES
L0003403	0	0.78864E-03	NO	457247.9	3764081.8	266.1	3.40	4.51	3.16	YES
L0003404	0	0.78864E-03	NO	457238.3	3764083.6	266.1	3.40	4.51	3.16	YES
L0003405	0	0.78864E-03	NO	457228.8	3764085.4	266.1	3.40	4.51	3.16	YES
L0003406	0	0.78864E-03	NO	457219.3	3764087.1	266.0	3.40	4.51	3.16	YES
L0003407	0	0.78864E-03	NO	457209.7	3764088.9	265.8	3.40	4.51	3.16	YES
L0003408	0	0.78864E-03	NO	457200.2	3764090.7	265.6	3.40	4.51	3.16	YES
L0003409	0	0.78864E-03	NO	457190.7	3764092.5	265.4	3.40	4.51	3.16	YES
L0003410	0	0.78864E-03	NO	457181.2	3764094.8	265.2	3.40	4.51	3.16	YES
L0003411	0	0.78864E-03	NO	457171.8	3764097.1	265.0	3.40	4.51	3.16	YES
L0003412	0	0.78864E-03	NO	457162.4	3764099.4	264.8	3.40	4.51	3.16	YES
L0003413	0	0.78864E-03	NO	457153.0	3764101.7	264.6	3.40	4.51	3.16	YES
L0003414	0	0.78864E-03	NO	457143.6	3764104.0	264.5	3.40	4.51	3.16	YES
L0003415	0	0.78864E-03	NO	457134.1	3764106.4	264.3	3.40	4.51	3.16	YES
L0003416	0	0.78864E-03	NO	457124.7	3764108.6	264.2	3.40	4.51	3.16	YES
L0003417	0	0.78864E-03	NO	457115.2	3764110.5	264.2	3.40	4.51	3.16	YES
L0003418	0	0.78864E-03	NO	457105.7	3764112.3	264.1	3.40	4.51	3.16	YES
L0003419	0	0.78864E-03	NO	457096.1	3764114.2	264.0	3.40	4.51		

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3.16     YES                    NO
 L0003420         0   0.78864E-03  457086.6 3764116.0   264.0     3.40     4.51
3.16     YES                    NO
 L0003421         0   0.78864E-03  457077.1 3764117.9   264.0     3.40     4.51
3.16     YES                    NO
 L0003422         0   0.78864E-03  457067.6 3764119.7   264.1     3.40     4.51
3.16     YES                    NO
 L0003423         0   0.78864E-03  457058.1 3764121.6   264.1     3.40     4.51
3.16     YES                    NO
 L0003424         0   0.78864E-03  457048.5 3764123.5   264.2     3.40     4.51
3.16     YES                    NO
 L0003425         0   0.78864E-03  457039.0 3764125.3   264.3     3.40     4.51
3.16     YES                    NO
 L0003426         0   0.78864E-03  457029.5 3764127.2   264.3     3.40     4.51
3.16     YES                    NO
 L0003427         0   0.78864E-03  457020.0 3764129.0   264.4     3.40     4.51
3.16     YES                    NO
 L0003428         0   0.78864E-03  457010.4 3764130.9   264.4     3.40     4.51
3.16     YES                    NO
 L0003429         0   0.78864E-03  457000.9 3764132.7   264.4     3.40     4.51
3.16     YES                    NO
 L0003430         0   0.78864E-03  456991.4 3764134.6   264.4     3.40     4.51
3.16     YES                    NO
 L0003431         0   0.78864E-03  456981.9 3764136.4   264.4     3.40     4.51
3.16     YES                    NO
 L0003432         0   0.78864E-03  456972.4 3764138.3   264.5     3.40     4.51
3.16     YES                    NO
 L0003433         0   0.78864E-03  456962.8 3764140.2   264.5     3.40     4.51
3.16     YES                    NO
 L0003434         0   0.78864E-03  456953.3 3764142.0   264.6     3.40     4.51
3.16     YES                    NO
 L0003435         0   0.78864E-03  456943.8 3764143.9   264.7     3.40     4.51
3.16     YES                    NO
 L0003436         0   0.78864E-03  456934.3 3764145.7   264.7     3.40     4.51
3.16     YES                    NO
 L0003437         0   0.78864E-03  456924.8 3764147.6   264.8     3.40     4.51
3.16     YES                    NO
 L0003438         0   0.78864E-03  456915.2 3764149.4   264.9     3.40     4.51
3.16     YES                    NO
 L0003439         0   0.78864E-03  456905.7 3764151.3   265.1     3.40     4.51
3.16     YES                    NO
 L0003440         0   0.78864E-03  456896.2 3764153.1   265.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0003441	0	0.78864E-03	456886.7	3764155.0	265.4	3.40	4.51	3.16	YES	NO
L0003442	0	0.78864E-03	456877.2	3764156.9	265.6	3.40	4.51	3.16	YES	NO
L0003443	0	0.78864E-03	456867.6	3764158.7	265.8	3.40	4.51	3.16	YES	NO
L0003444	0	0.78864E-03	456858.1	3764160.6	265.9	3.40	4.51	3.16	YES	NO
L0003445	0	0.78864E-03	456848.6	3764162.4	266.1	3.40	4.51	3.16	YES	NO
L0003446	0	0.78864E-03	456839.1	3764164.3	266.3	3.40	4.51	3.16	YES	NO
L0003447	0	0.78864E-03	456829.6	3764166.1	266.4	3.40	4.51	3.16	YES	NO
L0003448	0	0.78864E-03	456820.0	3764168.0	266.6	3.40	4.51	3.16	YES	NO
L0003449	0	0.78864E-03	456810.5	3764169.9	266.7	3.40	4.51	3.16	YES	NO
L0003450	0	0.78864E-03	456801.0	3764171.7	266.8	3.40	4.51	3.16	YES	NO
L0003451	0	0.78864E-03	456791.5	3764173.6	266.9	3.40	4.51	3.16	YES	NO
L0003452	0	0.78864E-03	456782.0	3764175.4	267.0	3.40	4.51	3.16	YES	NO
L0003453	0	0.78864E-03	456772.4	3764177.3	267.1	3.40	4.51	3.16	YES	NO
L0003454	0	0.78864E-03	456762.9	3764179.1	267.1	3.40	4.51	3.16	YES	NO
L0003455	0	0.78864E-03	456753.4	3764181.0	267.2	3.40	4.51	3.16	YES	NO
L0003456	0	0.78864E-03	456743.9	3764182.8	267.4	3.40	4.51	3.16	YES	NO
L0003457	0	0.78864E-03	456734.3	3764184.7	267.5	3.40	4.51	3.16	YES	NO
L0003458	0	0.78864E-03	456724.8	3764186.6	267.7	3.40	4.51	3.16	YES	NO
L0003459	0	0.78864E-03	456715.3	3764188.4	267.9	3.40	4.51			

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3.16     YES                    NO
 L0003460         0   0.78864E-03  456705.8 3764190.3   268.1     3.40     4.51
3.16     YES                    NO
 L0003461         0   0.78864E-03  456696.3 3764192.1   268.3     3.40     4.51
3.16     YES                    NO
 L0003462         0   0.78864E-03  456686.7 3764194.0   268.5     3.40     4.51
3.16     YES                    NO
 L0003463         0   0.78864E-03  456677.2 3764195.8   268.6     3.40     4.51
3.16     YES                    NO
 L0003464         0   0.78864E-03  456667.7 3764197.7   268.7     3.40     4.51
3.16     YES                    NO
 L0003465         0   0.78864E-03  456658.2 3764199.5   268.8     3.40     4.51
3.16     YES                    NO
 L0003466         0   0.78864E-03  456648.7 3764201.4   268.8     3.40     4.51
3.16     YES                    NO
 L0003467         0   0.78864E-03  456639.1 3764203.3   268.8     3.40     4.51
3.16     YES                    NO
 L0003468         0   0.78864E-03  456629.6 3764205.1   268.8     3.40     4.51
3.16     YES                    NO
 L0003469         0   0.78864E-03  456620.1 3764207.0   268.8     3.40     4.51
3.16     YES                    NO
 L0003470         0   0.78864E-03  456610.6 3764208.8   268.8     3.40     4.51
3.16     YES                    NO
 L0003471         0   0.78864E-03  456601.1 3764210.7   268.8     3.40     4.51
3.16     YES                    NO
 L0003472         0   0.78864E-03  456591.5 3764212.5   268.8     3.40     4.51
3.16     YES                    NO
 L0003473         0   0.78864E-03  456582.0 3764214.4   268.9     3.40     4.51
3.16     YES                    NO
 L0003474         0   0.78864E-03  456572.5 3764216.2   268.9     3.40     4.51
3.16     YES                    NO
 L0003475         0   0.78864E-03  456563.0 3764218.1   269.0     3.40     4.51
3.16     YES                    NO
 L0003476         0   0.78864E-03  456553.5 3764220.0   269.1     3.40     4.51
3.16     YES                    NO
 L0003477         0   0.78864E-03  456543.9 3764221.8   269.1     3.40     4.51
3.16     YES                    NO
 L0003478         0   0.78864E-03  456534.4 3764223.7   269.1     3.40     4.51
3.16     YES                    NO
 L0003479         0   0.78864E-03  456524.9 3764225.5   269.2     3.40     4.51
3.16     YES                    NO
 L0003480         0   0.78864E-03  456515.4 3764227.4   269.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0003481	0	0.78864E-03	456505.8	3764229.2	269.2	3.40	4.51	3.16	YES	NO	
L0003482	0	0.78864E-03	456496.3	3764231.1	269.2	3.40	4.51	3.16	YES	NO	
L0003483	0	0.78864E-03	456486.8	3764233.0	269.3	3.40	4.51	3.16	YES	NO	
L0003484	0	0.78864E-03	456477.3	3764234.8	269.3	3.40	4.51	3.16	YES	NO	
L0003485	0	0.78864E-03	456467.8	3764236.7	269.3	3.40	4.51	3.16	YES	NO	
L0003486	0	0.78864E-03	456458.2	3764238.5	269.3	3.40	4.51	3.16	YES	NO	
L0003487	0	0.78864E-03	456448.7	3764240.4	269.3	3.40	4.51	3.16	YES	NO	
L0003488	0	0.78864E-03	456439.2	3764242.2	269.3	3.40	4.51	3.16	YES	NO	
L0003489	0	0.78864E-03	456429.7	3764244.1	269.3	3.40	4.51	3.16	YES	NO	
L0003490	0	0.78864E-03	456420.2	3764245.9	269.4	3.40	4.51	3.16	YES	NO	
L0003491	0	0.78864E-03	456410.6	3764247.8	269.4	3.40	4.51	3.16	YES	NO	
L0003492	0	0.78864E-03	456401.1	3764249.7	269.4	3.40	4.51	3.16	YES	NO	
L0003493	0	0.78864E-03	456391.6	3764251.5	269.5	3.40	4.51	3.16	YES	NO	
L0003494	0	0.78864E-03	456382.1	3764253.4	269.5	3.40	4.51	3.16	YES	NO	
L0003495	0	0.78864E-03	456372.6	3764255.2	269.5	3.40	4.51	3.16	YES	NO	
L0003496	0	0.78864E-03	456363.0	3764257.1	269.5	3.40	4.51	3.16	YES	NO	
L0003497	0	0.78864E-03	456353.5	3764258.9	269.5	3.40	4.51	3.16	YES	NO	
L0003498	0	0.78864E-03	456344.0	3764260.8	269.4	3.40	4.51	3.16	YES	NO	
L0003499	0	0.78864E-03	456334.5	3764262.6	269.4	3.40	4.51				

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3.16     YES                    NO
 L0003500         0   0.78864E-03  456325.0 3764264.5   269.4     3.40     4.51
3.16     YES                    NO
 L0003501         0   0.78864E-03  456315.4 3764266.4   269.3     3.40     4.51
3.16     YES                    NO
 L0003502         0   0.78864E-03  456305.9 3764268.2   269.3     3.40     4.51
3.16     YES                    NO
 L0003503         0   0.78864E-03  456296.4 3764270.1   269.2     3.40     4.51
3.16     YES                    NO
 L0003504         0   0.78864E-03  456286.9 3764271.9   269.2     3.40     4.51
3.16     YES                    NO
 L0003505         0   0.78864E-03  456277.3 3764273.8   269.2     3.40     4.51
3.16     YES                    NO
 L0003506         0   0.78864E-03  456267.8 3764275.6   269.1     3.40     4.51
3.16     YES                    NO
 L0003507         0   0.78864E-03  456258.3 3764277.5   269.1     3.40     4.51
3.16     YES                    NO
 L0003508         0   0.78864E-03  456248.8 3764279.4   269.1     3.40     4.51
3.16     YES                    NO
 L0003509         0   0.78864E-03  456239.3 3764281.2   269.1     3.40     4.51
3.16     YES                    NO
 L0003510         0   0.78864E-03  456229.7 3764283.1   269.1     3.40     4.51
3.16     YES                    NO
 L0003511         0   0.78864E-03  456220.2 3764284.9   269.1     3.40     4.51
3.16     YES                    NO
 L0003512         0   0.78864E-03  456210.7 3764286.8   269.1     3.40     4.51
3.16     YES                    NO
 L0003513         0   0.78864E-03  456201.2 3764288.6   269.1     3.40     4.51
3.16     YES                    NO
 L0003514         0   0.78864E-03  456191.7 3764290.5   269.1     3.40     4.51
3.16     YES                    NO
 L0003515         0   0.78864E-03  456182.1 3764292.3   269.1     3.40     4.51
3.16     YES                    NO
 L0003516         0   0.78864E-03  456172.6 3764294.2   269.0     3.40     4.51
3.16     YES                    NO
 L0003517         0   0.78864E-03  456163.1 3764296.1   269.0     3.40     4.51
3.16     YES                    NO
 L0003518         0   0.78864E-03  456153.6 3764297.9   269.0     3.40     4.51
3.16     YES                    NO
 L0003519         0   0.78864E-03  456144.1 3764299.8   268.9     3.40     4.51
3.16     YES                    NO
 L0003520         0   0.78864E-03  456134.5 3764301.6   268.8     3.40     4.51
3.16     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0003521	0	0.78864E-03	456125.0	3764303.5	268.7	3.40	4.51	3.16	YES	NO	
L0003522	0	0.78864E-03	456115.5	3764305.3	268.5	3.40	4.51	3.16	YES	NO	
L0003523	0	0.78864E-03	456106.0	3764307.2	268.5	3.40	4.51	3.16	YES	NO	
L0003524	0	0.78864E-03	456096.5	3764309.0	268.4	3.40	4.51	3.16	YES	NO	
L0003525	0	0.78864E-03	456086.9	3764310.9	268.4	3.40	4.51	3.16	YES	NO	
L0003526	0	0.78864E-03	456077.4	3764312.8	268.3	3.40	4.51	3.16	YES	NO	
L0003527	0	0.78864E-03	456067.9	3764314.6	268.3	3.40	4.51	3.16	YES	NO	
L0003528	0	0.78864E-03	456058.4	3764316.5	268.1	3.40	4.51	3.16	YES	NO	
L0003529	0	0.78864E-03	456048.8	3764318.3	268.0	3.40	4.51	3.16	YES	NO	
L0003530	0	0.78864E-03	456039.3	3764320.2	267.8	3.40	4.51	3.16	YES	NO	
L0003531	0	0.78864E-03	456029.8	3764322.0	267.6	3.40	4.51	3.16	YES	NO	
L0003532	0	0.78864E-03	456020.3	3764323.9	267.4	3.40	4.51	3.16	YES	NO	
L0003533	0	0.78864E-03	456010.8	3764325.8	267.1	3.40	4.51	3.16	YES	NO	
L0003534	0	0.78864E-03	456001.2	3764327.6	266.7	3.40	4.51	3.16	YES	NO	
L0003535	0	0.78864E-03	455991.7	3764329.5	266.4	3.40	4.51	3.16	YES	NO	
L0003536	0	0.78864E-03	455982.2	3764331.3	266.0	3.40	4.51	3.16	YES	NO	
L0003537	0	0.78864E-03	455972.7	3764333.2	265.6	3.40	4.51	3.16	YES	NO	
L0003538	0	0.78864E-03	455963.2	3764335.0	265.2	3.40	4.51	3.16	YES	NO	
L0003539	0	0.78864E-03	455953.6	3764336.9	264.8	3.40	4.51				

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3.16     YES                    NO
 L0003540         0   0.78864E-03  455944.1 3764338.7   264.6     3.40     4.51
3.16     YES                    NO
 L0003541         0   0.78864E-03  455934.6 3764340.6   264.4     3.40     4.51
3.16     YES                    NO
 L0003542         0   0.78864E-03  455925.1 3764342.5   264.3     3.40     4.51
3.16     YES                    NO
 L0003543         0   0.78864E-03  455915.6 3764344.3   264.2     3.40     4.51
3.16     YES                    NO
 L0003544         0   0.78864E-03  455906.0 3764346.2   264.0     3.40     4.51
3.16     YES                    NO
 L0003545         0   0.78864E-03  455896.5 3764348.0   263.8     3.40     4.51
3.16     YES                    NO
 L0003546         0   0.69396E-03  465266.7 3764105.5   268.3     3.40     4.51
3.16     YES                    NO
 L0003547         0   0.69396E-03  465276.4 3764105.1   268.3     3.40     4.51
3.16     YES                    NO
 L0003548         0   0.69396E-03  465286.1 3764104.6   268.4     3.40     4.51
3.16     YES                    NO
 L0003549         0   0.69396E-03  465295.8 3764104.2   268.1     3.40     4.51
3.16     YES                    NO
 L0003550         0   0.69396E-03  465305.5 3764103.7   267.9     3.40     4.51
3.16     YES                    NO
 L0003551         0   0.69396E-03  465315.2 3764103.3   267.7     3.40     4.51
3.16     YES                    NO
 L0003552         0   0.69396E-03  465324.9 3764102.8   267.6     3.40     4.51
3.16     YES                    NO
 L0003553         0   0.69396E-03  465334.5 3764102.3   267.5     3.40     4.51
3.16     YES                    NO
 L0003554         0   0.69396E-03  465344.2 3764101.9   267.3     3.40     4.51
3.16     YES                    NO
 L0003555         0   0.69396E-03  465353.9 3764101.4   266.9     3.40     4.51
3.16     YES                    NO
 L0003556         0   0.69396E-03  465363.6 3764101.0   266.6     3.40     4.51
3.16     YES                    NO
 L0003557         0   0.69396E-03  465373.3 3764100.5   266.1     3.40     4.51
3.16     YES                    NO
 L0003558         0   0.69396E-03  465380.1 3764097.5   265.7     3.40     4.51
3.16     YES                    NO
 L0003559         0   0.69396E-03  465379.7 3764087.8   265.5     3.40     4.51
3.16     YES                    NO
 L0003560         0   0.69396E-03  465379.2 3764078.1   265.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0003561	0	0.69396E-03	465378.7	3764068.4	264.8	3.40	4.51	3.16	YES	NO	
L0003562	0	0.69396E-03	465378.2	3764058.7	264.4	3.40	4.51	3.16	YES	NO	
L0003563	0	0.69396E-03	465377.8	3764049.0	264.0	3.40	4.51	3.16	YES	NO	
L0003564	0	0.69396E-03	465377.3	3764039.3	263.7	3.40	4.51	3.16	YES	NO	
L0003565	0	0.69396E-03	465376.8	3764029.7	263.3	3.40	4.51	3.16	YES	NO	
L0003566	0	0.69396E-03	465376.3	3764020.0	263.0	3.40	4.51	3.16	YES	NO	
L0003567	0	0.69396E-03	465375.9	3764010.3	262.5	3.40	4.51	3.16	YES	NO	
L0003568	0	0.69396E-03	465375.4	3764000.6	262.0	3.40	4.51	3.16	YES	NO	
L0003569	0	0.69396E-03	465374.9	3763990.9	261.6	3.40	4.51	3.16	YES	NO	
L0003570	0	0.69396E-03	465369.3	3763984.6	261.1	3.40	4.51	3.16	YES	NO	
L0003571	0	0.69396E-03	465360.6	3763980.1	261.4	3.40	4.51	3.16	YES	NO	
L0003572	0	0.69396E-03	465352.0	3763975.7	261.7	3.40	4.51	3.16	YES	NO	
L0003573	0	0.69396E-03	465343.4	3763971.3	262.1	3.40	4.51	3.16	YES	NO	
L0003574	0	0.69396E-03	465334.7	3763966.8	262.6	3.40	4.51	3.16	YES	NO	
L0003575	0	0.69396E-03	465325.4	3763965.2	263.1	3.40	4.51	3.16	YES	NO	
L0003576	0	0.69396E-03	465315.7	3763965.2	263.6	3.40	4.51	3.16	YES	NO	
L0003577	0	0.69396E-03	465306.0	3763965.2	264.0	3.40	4.51	3.16	YES	NO	
L0003578	0	0.69396E-03	465296.3	3763965.2	264.3	3.40	4.51	3.16	YES	NO	
L0003579	0	0.69396E-03	465286.6	3763965.2	264.6	3.40	4.51				

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3.16     YES                    NO
 L0003580         0   0.69396E-03  465276.9 3763965.2   264.9     3.40     4.51
3.16     YES                    NO
 L0003581         0   0.69396E-03  465267.2 3763965.2   265.3     3.40     4.51
3.16     YES                    NO
 L0003582         0   0.69396E-03  465257.6 3763964.4   265.7     3.40     4.51
3.16     YES                    NO
 L0003583         0   0.69396E-03  465247.9 3763963.6   266.0     3.40     4.51
3.16     YES                    NO
 L0003584         0   0.69396E-03  465240.8 3763960.4   266.2     3.40     4.51
3.16     YES                    NO
 L0003585         0   0.69396E-03  465240.4 3763950.7   266.2     3.40     4.51
3.16     YES                    NO
 L0003586         0   0.69396E-03  465240.0 3763941.0   266.1     3.40     4.51
3.16     YES                    NO
 L0003587         0   0.69396E-03  465239.6 3763931.3   266.1     3.40     4.51
3.16     YES                    NO
 L0003588         0   0.69396E-03  465239.3 3763921.6   266.0     3.40     4.51
3.16     YES                    NO
 L0003589         0   0.69396E-03  465238.9 3763911.9   266.0     3.40     4.51
3.16     YES                    NO
 L0003590         0   0.69396E-03  465238.5 3763902.2   265.9     3.40     4.51
3.16     YES                    NO
 L0003591         0   0.69396E-03  465238.1 3763892.5   265.9     3.40     4.51
3.16     YES                    NO
 L0003592         0   0.69396E-03  465237.8 3763882.8   265.8     3.40     4.51
3.16     YES                    NO
 L0003593         0   0.69396E-03  465237.4 3763873.1   265.8     3.40     4.51
3.16     YES                    NO
 L0003594         0   0.69396E-03  465237.0 3763863.5   265.7     3.40     4.51
3.16     YES                    NO
 L0003595         0   0.69396E-03  465236.6 3763853.8   265.5     3.40     4.51
3.16     YES                    NO
 L0003596         0   0.69396E-03  465233.8 3763845.1   265.6     3.40     4.51
3.16     YES                    NO
 L0003597         0   0.69396E-03  465227.3 3763837.9   265.7     3.40     4.51
3.16     YES                    NO
 L0003598         0   0.69396E-03  465220.8 3763830.7   265.5     3.40     4.51
3.16     YES                    NO
 L0003599         0   0.69396E-03  465214.3 3763823.5   265.5     3.40     4.51
3.16     YES                    NO
 L0003600         0   0.69396E-03  465207.8 3763816.3   265.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT EMISSION RATE SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0003601	0	0.69396E-03		465201.3	3763809.1	265.9	3.40	4.51	3.16	YES
L0003602	0	0.69396E-03		465194.5	3763802.3	265.9	3.40	4.51	3.16	YES
L0003603	0	0.69396E-03		465186.2	3763797.1	266.1	3.40	4.51	3.16	YES
L0003604	0	0.69396E-03		465178.0	3763792.0	266.3	3.40	4.51	3.16	YES
L0003605	0	0.69396E-03		465169.8	3763786.9	266.4	3.40	4.51	3.16	YES
L0003606	0	0.69396E-03		465161.6	3763781.7	266.6	3.40	4.51	3.16	YES
L0003607	0	0.69396E-03		465153.3	3763776.6	266.7	3.40	4.51	3.16	YES
L0003608	0	0.69396E-03		465144.3	3763773.2	266.9	3.40	4.51	3.16	YES
L0003609	0	0.69396E-03		465135.1	3763769.9	267.1	3.40	4.51	3.16	YES
L0003610	0	0.69396E-03		465125.9	3763767.2	267.3	3.40	4.51	3.16	YES
L0003611	0	0.69396E-03		465116.2	3763767.1	267.7	3.40	4.51	3.16	YES
L0003612	0	0.69396E-03		465106.5	3763767.1	268.0	3.40	4.51	3.16	YES
L0003613	0	0.69396E-03		465096.8	3763767.0	268.3	3.40	4.51	3.16	YES
L0003614	0	0.69396E-03		465087.1	3763766.9	268.6	3.40	4.51	3.16	YES
L0003615	0	0.69396E-03		465077.4	3763766.9	268.9	3.40	4.51	3.16	YES
L0003616	0	0.69396E-03		465067.7	3763766.8	269.1	3.40	4.51	3.16	YES
L0003617	0	0.69396E-03		465058.0	3763766.7	269.3	3.40	4.51	3.16	YES
L0003618	0	0.69396E-03		465048.3	3763766.7	269.5	3.40	4.51	3.16	YES
L0003619	0	0.69396E-03		465038.6	3763766.6	269.6	3.40	4.51		

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3.16     YES                    NO
 L0003620         0   0.69396E-03  465028.9 3763766.6   269.8     3.40     4.51
3.16     YES                    NO
 L0003621         0   0.69396E-03  465019.2 3763766.5   269.9     3.40     4.51
3.16     YES                    NO
 L0003622         0   0.69396E-03  465009.5 3763766.4   269.9     3.40     4.51
3.16     YES                    NO
 L0003623         0   0.69396E-03  464999.8 3763766.4   270.0     3.40     4.51
3.16     YES                    NO
 L0003624         0   0.69396E-03  464990.1 3763766.3   270.1     3.40     4.51
3.16     YES                    NO
 L0003625         0   0.69396E-03  464980.4 3763766.3   270.2     3.40     4.51
3.16     YES                    NO
 L0003626         0   0.69396E-03  464970.7 3763766.2   270.2     3.40     4.51
3.16     YES                    NO
 L0003627         0   0.69396E-03  464961.0 3763766.1   270.2     3.40     4.51
3.16     YES                    NO
 L0003628         0   0.69396E-03  464951.3 3763766.1   270.2     3.40     4.51
3.16     YES                    NO
 L0003629         0   0.69396E-03  464941.6 3763766.0   270.1     3.40     4.51
3.16     YES                    NO
 L0003630         0   0.69396E-03  464931.9 3763766.0   270.0     3.40     4.51
3.16     YES                    NO
 L0003631         0   0.69396E-03  464922.2 3763765.9   270.0     3.40     4.51
3.16     YES                    NO
 L0003632         0   0.69396E-03  464912.5 3763765.8   270.1     3.40     4.51
3.16     YES                    NO
 L0003633         0   0.69396E-03  464902.8 3763765.8   270.2     3.40     4.51
3.16     YES                    NO
 L0003634         0   0.69396E-03  464893.1 3763765.7   270.3     3.40     4.51
3.16     YES                    NO
 L0003635         0   0.69396E-03  464883.4 3763765.6   270.3     3.40     4.51
3.16     YES                    NO
 L0003636         0   0.69396E-03  464873.7 3763765.6   270.3     3.40     4.51
3.16     YES                    NO
 L0003637         0   0.69396E-03  464864.0 3763765.5   270.4     3.40     4.51
3.16     YES                    NO
 L0003638         0   0.69396E-03  464854.3 3763765.5   270.4     3.40     4.51
3.16     YES                    NO
 L0003639         0   0.69396E-03  464844.6 3763765.4   270.4     3.40     4.51
3.16     YES                    NO
 L0003640         0   0.69396E-03  464834.9 3763765.4   270.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT EMISSION RATE
L0003641	0	0.69396E-03	464825.2	3763765.5	270.5	3.40	4.51	3.16	YES	NO
L0003642	0	0.69396E-03	464815.5	3763765.6	270.5	3.40	4.51	3.16	YES	NO
L0003643	0	0.69396E-03	464805.8	3763765.7	270.5	3.40	4.51	3.16	YES	NO
L0003644	0	0.69396E-03	464796.1	3763765.8	270.5	3.40	4.51	3.16	YES	NO
L0003645	0	0.69396E-03	464786.4	3763765.9	270.4	3.40	4.51	3.16	YES	NO
L0003646	0	0.69396E-03	464776.7	3763766.0	270.3	3.40	4.51	3.16	YES	NO
L0003647	0	0.69396E-03	464767.0	3763766.0	270.2	3.40	4.51	3.16	YES	NO
L0003648	0	0.69396E-03	464757.3	3763766.1	270.1	3.40	4.51	3.16	YES	NO
L0003649	0	0.69396E-03	464747.6	3763766.2	270.0	3.40	4.51	3.16	YES	NO
L0003650	0	0.69396E-03	464737.9	3763766.3	269.9	3.40	4.51	3.16	YES	NO
L0003651	0	0.69396E-03	464728.2	3763766.4	269.8	3.40	4.51	3.16	YES	NO
L0003652	0	0.69396E-03	464718.5	3763766.5	269.7	3.40	4.51	3.16	YES	NO
L0003653	0	0.69396E-03	464708.8	3763766.6	269.5	3.40	4.51	3.16	YES	NO
L0003654	0	0.69396E-03	464699.1	3763766.7	269.3	3.40	4.51	3.16	YES	NO
L0003655	0	0.69396E-03	464689.4	3763766.7	269.1	3.40	4.51	3.16	YES	NO
L0003656	0	0.69396E-03	464679.7	3763766.8	268.9	3.40	4.51	3.16	YES	NO
L0003657	0	0.69396E-03	464670.0	3763766.9	268.6	3.40	4.51	3.16	YES	NO
L0003658	0	0.69396E-03	464660.3	3763767.0	267.9	3.40	4.51	3.16	YES	NO
L0003659	0	0.69396E-03	464650.6	3763767.1	267.3	3.40	4.51			

3.16   YES   NO
 L0003660   0   0.69396E-03 464640.9 3763767.2   266.6   3.40   4.51
3.16   YES   NO
 L0003661   0   0.69396E-03 464640.7 3763759.3   266.2   3.40   4.51
3.16   YES   NO
 L0003662   0   0.69396E-03 464642.3 3763749.7   265.8   3.40   4.51
3.16   YES   NO
 L0003663   0   0.69396E-03 464644.0 3763740.2   265.4   3.40   4.51
3.16   YES   NO
 L0003664   0   0.69396E-03 464645.7 3763730.6   265.0   3.40   4.51
3.16   YES   NO
 L0003665   0   0.69396E-03 464647.4 3763721.1   264.7   3.40   4.51
3.16   YES   NO
 L0003666   0   0.69396E-03 464649.1 3763711.5   264.3   3.40   4.51
3.16   YES   NO
 L0003667   0   0.69396E-03 464650.8 3763702.0   263.8   3.40   4.51
3.16   YES   NO
 L0003668   0   0.69396E-03 464652.5 3763692.4   263.3   3.40   4.51
3.16   YES   NO
 L0003669   0   0.69396E-03 464654.1 3763682.9   262.8   3.40   4.51
3.16   YES   NO
 L0003670   0   0.69396E-03 464656.1 3763673.4   262.2   3.40   4.51
3.16   YES   NO
 L0003671   0   0.69396E-03 464659.0 3763664.1   261.6   3.40   4.51
3.16   YES   NO
 L0003672   0   0.69396E-03 464661.9 3763654.8   261.0   3.40   4.51
3.16   YES   NO
 L0003673   0   0.69396E-03 464664.8 3763645.6   260.4   3.40   4.51
3.16   YES   NO
 L0003674   0   0.69396E-03 464667.7 3763636.3   259.8   3.40   4.51
3.16   YES   NO
 L0003675   0   0.69396E-03 464670.5 3763627.1   259.3   3.40   4.51
3.16   YES   NO
 L0003676   0   0.69396E-03 464673.4 3763617.8   259.3   3.40   4.51
3.16   YES   NO
 L0003677   0   0.69396E-03 464671.8 3763608.3   258.2   3.40   4.51
3.16   YES   NO
 L0003678   0   0.69396E-03 464670.0 3763598.7   257.2   3.40   4.51
3.16   YES   NO
 L0003679   0   0.69396E-03 464667.1 3763589.5   256.5   3.40   4.51
3.16   YES   NO
 L0003680   0   0.69396E-03 464664.0 3763580.3   256.2   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0003681	0	0.69396E-03	464661.0	3763571.1	255.8	3.40	4.51	3.16	YES	NO	
L0003682	0	0.69396E-03	464652.6	3763566.4	255.5	3.40	4.51	3.16	YES	NO	
L0003683	0	0.69396E-03	464644.0	3763561.8	255.2	3.40	4.51	3.16	YES	NO	
L0003684	0	0.69396E-03	464635.4	3763557.3	255.0	3.40	4.51	3.16	YES	NO	
L0003685	0	0.69396E-03	464626.9	3763552.7	254.8	3.40	4.51	3.16	YES	NO	
L0003686	0	0.69396E-03	464618.3	3763548.2	254.5	3.40	4.51	3.16	YES	NO	
L0003687	0	0.69396E-03	464609.7	3763543.6	254.3	3.40	4.51	3.16	YES	NO	
L0003688	0	0.69396E-03	464604.0	3763538.0	254.2	3.40	4.51	3.16	YES	NO	
L0003689	0	0.69396E-03	464607.1	3763528.8	254.1	3.40	4.51	3.16	YES	NO	
L0003690	0	0.69396E-03	464610.2	3763519.6	254.0	3.40	4.51	3.16	YES	NO	
L0003691	0	0.69396E-03	464613.4	3763510.4	253.9	3.40	4.51	3.16	YES	NO	
L0003692	0	0.69396E-03	464616.5	3763501.3	253.9	3.40	4.51	3.16	YES	NO	
L0003693	0	0.69396E-03	464619.6	3763492.1	253.8	3.40	4.51	3.16	YES	NO	
L0003694	0	0.69396E-03	464622.7	3763482.9	253.8	3.40	4.51	3.16	YES	NO	
L0003695	0	0.69396E-03	464625.9	3763473.7	253.7	3.40	4.51	3.16	YES	NO	
L0003696	0	0.69396E-03	464629.0	3763464.5	253.6	3.40	4.51	3.16	YES	NO	
L0003697	0	0.69396E-03	464632.1	3763455.3	253.6	3.40	4.51	3.16	YES	NO	
L0003698	0	0.69396E-03	464635.3	3763446.2	253.5	3.40	4.51	3.16	YES	NO	
L0003699	0	0.69396E-03	464638.4	3763437.0	253.4	3.40	4.51				

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3.16     YES                    NO
 L0003700         0   0.69396E-03  464641.5 3763427.8   253.4     3.40     4.51
3.16     YES                    NO
 L0003701         0   0.69396E-03  464644.6 3763418.6   253.3     3.40     4.51
3.16     YES                    NO
 L0003702         0   0.69396E-03  464647.8 3763409.4   253.2     3.40     4.51
3.16     YES                    NO
 L0003703         0   0.69396E-03  464650.9 3763400.3   253.0     3.40     4.51
3.16     YES                    NO
 L0003704         0   0.69396E-03  464654.0 3763391.1   252.9     3.40     4.51
3.16     YES                    NO
 L0003705         0   0.69396E-03  464657.1 3763381.9   252.8     3.40     4.51
3.16     YES                    NO
 L0003706         0   0.69396E-03  464660.8 3763372.9   252.7     3.40     4.51
3.16     YES                    NO
 L0003707         0   0.69396E-03  464665.2 3763364.3   252.7     3.40     4.51
3.16     YES                    NO
 L0003708         0   0.69396E-03  464669.6 3763355.6   252.5     3.40     4.51
3.16     YES                    NO
 L0003709         0   0.69396E-03  464674.0 3763347.0   252.3     3.40     4.51
3.16     YES                    NO
 L0003710         0   0.69396E-03  464678.4 3763338.4   251.9     3.40     4.51
3.16     YES                    NO
 L0003711         0   0.69396E-03  464682.8 3763329.7   251.7     3.40     4.51
3.16     YES                    NO
 L0003712         0   0.69396E-03  464687.2 3763321.1   251.6     3.40     4.51
3.16     YES                    NO
 L0003713         0   0.69396E-03  464691.6 3763312.4   251.7     3.40     4.51
3.16     YES                    NO
 L0003714         0   0.69396E-03  464696.0 3763303.8   251.4     3.40     4.51
3.16     YES                    NO
 L0003715         0   0.69396E-03  464700.4 3763295.2   251.0     3.40     4.51
3.16     YES                    NO
 L0003716         0   0.69396E-03  464705.0 3763286.6   250.7     3.40     4.51
3.16     YES                    NO
 L0003717         0   0.69396E-03  464710.3 3763278.5   250.6     3.40     4.51
3.16     YES                    NO
 L0003718         0   0.69396E-03  464715.7 3763270.4   250.8     3.40     4.51
3.16     YES                    NO
 L0003719         0   0.69396E-03  464721.0 3763262.3   251.0     3.40     4.51
3.16     YES                    NO
 L0003720         0   0.69396E-03  464726.3 3763254.2   250.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0003721	0	0.69396E-03	464731.6	3763246.1	250.4	3.40	4.51	3.16	YES	NO	
L0003722	0	0.69396E-03	464737.0	3763238.0	250.3	3.40	4.51	3.16	YES	NO	
L0003723	0	0.69396E-03	464742.3	3763229.9	250.6	3.40	4.51	3.16	YES	NO	
L0003724	0	0.69396E-03	464747.6	3763221.8	250.8	3.40	4.51	3.16	YES	NO	
L0003725	0	0.69396E-03	464753.0	3763213.7	250.3	3.40	4.51	3.16	YES	NO	
L0003726	0	0.69396E-03	464758.3	3763205.5	250.1	3.40	4.51	3.16	YES	NO	
L0003727	0	0.69396E-03	464763.6	3763197.4	250.1	3.40	4.51	3.16	YES	NO	
L0003728	0	0.69396E-03	464768.9	3763189.3	250.3	3.40	4.51	3.16	YES	NO	
L0003729	0	0.69396E-03	464774.3	3763181.2	250.1	3.40	4.51	3.16	YES	NO	
L0003730	0	0.69396E-03	464779.6	3763173.1	249.9	3.40	4.51	3.16	YES	NO	
L0003731	0	0.69396E-03	464784.9	3763165.0	249.8	3.40	4.51	3.16	YES	NO	
L0003732	0	0.69396E-03	464790.2	3763156.9	249.8	3.40	4.51	3.16	YES	NO	
L0003733	0	0.69396E-03	464795.6	3763148.8	250.0	3.40	4.51	3.16	YES	NO	
L0003734	0	0.69396E-03	464800.9	3763140.7	249.7	3.40	4.51	3.16	YES	NO	
L0003735	0	0.69396E-03	464806.2	3763132.6	249.4	3.40	4.51	3.16	YES	NO	
L0003736	0	0.69396E-03	464811.6	3763124.5	248.5	3.40	4.51	3.16	YES	NO	
L0003737	0	0.69396E-03	464816.9	3763116.4	247.3	3.40	4.51	3.16	YES	NO	
L0003738	0	0.69396E-03	464822.2	3763108.3	246.2	3.40	4.51	3.16	YES	NO	
L0003739	0	0.69396E-03	464827.5	3763100.2	245.2	3.40	4.51				

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3.16     YES                    NO
 L0003740         0   0.69396E-03  464832.9 3763092.1   244.4     3.40     4.51
3.16     YES                    NO
 L0003741         0   0.69396E-03  464838.2 3763084.0   243.7     3.40     4.51
3.16     YES                    NO
 L0003742         0   0.69396E-03  464843.5 3763075.9   243.2     3.40     4.51
3.16     YES                    NO
 L0003743         0   0.69396E-03  464848.8 3763067.7   242.8     3.40     4.51
3.16     YES                    NO
 L0003744         0   0.69396E-03  464854.2 3763059.6   242.6     3.40     4.51
3.16     YES                    NO
 L0003745         0   0.69396E-03  464859.5 3763051.5   242.4     3.40     4.51
3.16     YES                    NO
 L0003746         0   0.69396E-03  464864.8 3763043.4   242.2     3.40     4.51
3.16     YES                    NO
 L0003747         0   0.69396E-03  464870.2 3763035.3   242.2     3.40     4.51
3.16     YES                    NO
 L0003748         0   0.69396E-03  464875.5 3763027.2   242.6     3.40     4.51
3.16     YES                    NO
 L0003749         0   0.69396E-03  464880.8 3763019.1   242.9     3.40     4.51
3.16     YES                    NO
 L0003750         0   0.69396E-03  464886.1 3763011.0   243.2     3.40     4.51
3.16     YES                    NO
 L0003751         0   0.69396E-03  464891.5 3763002.9   243.4     3.40     4.51
3.16     YES                    NO
 L0003752         0   0.69396E-03  464896.8 3762994.8   243.5     3.40     4.51
3.16     YES                    NO
 L0003753         0   0.69396E-03  464902.1 3762986.7   243.6     3.40     4.51
3.16     YES                    NO
 L0003754         0   0.69396E-03  464907.5 3762978.6   243.7     3.40     4.51
3.16     YES                    NO
 L0003755         0   0.69396E-03  464912.8 3762970.5   243.8     3.40     4.51
3.16     YES                    NO
 L0003756         0   0.69396E-03  464918.1 3762962.4   243.8     3.40     4.51
3.16     YES                    NO
 L0003757         0   0.69396E-03  464923.4 3762954.3   243.9     3.40     4.51
3.16     YES                    NO
 L0003758         0   0.69396E-03  464928.8 3762946.2   243.8     3.40     4.51
3.16     YES                    NO
 L0003759         0   0.69396E-03  464934.1 3762938.0   243.7     3.40     4.51
3.16     YES                    NO
 L0003760         0   0.69396E-03  464939.4 3762929.9   243.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0003761	0	0.69396E-03	464944.7	3762921.8	243.7	3.40	4.51	3.16	YES	NO
L0003762	0	0.69396E-03	464950.1	3762913.7	243.7	3.40	4.51	3.16	YES	NO
L0003763	0	0.69396E-03	464955.4	3762905.6	243.9	3.40	4.51	3.16	YES	NO
L0003764	0	0.69396E-03	464960.7	3762897.5	243.9	3.40	4.51	3.16	YES	NO
L0003765	0	0.69396E-03	464966.1	3762889.4	244.0	3.40	4.51	3.16	YES	NO
L0003766	0	0.69396E-03	464971.4	3762881.3	244.0	3.40	4.51	3.16	YES	NO
L0003767	0	0.69396E-03	464976.7	3762873.2	243.9	3.40	4.51	3.16	YES	NO
L0003768	0	0.69396E-03	464982.0	3762865.1	243.8	3.40	4.51	3.16	YES	NO
L0003769	0	0.69396E-03	464987.4	3762857.0	243.7	3.40	4.51	3.16	YES	NO
L0003770	0	0.69396E-03	464992.7	3762848.9	243.9	3.40	4.51	3.16	YES	NO
L0003771	0	0.69396E-03	464998.1	3762840.8	244.4	3.40	4.51	3.16	YES	NO
L0003772	0	0.69396E-03	465004.1	3762833.2	245.3	3.40	4.51	3.16	YES	NO
L0003773	0	0.69396E-03	465010.1	3762825.6	246.5	3.40	4.51	3.16	YES	NO
L0003774	0	0.69396E-03	465016.1	3762818.0	247.9	3.40	4.51	3.16	YES	NO
L0003775	0	0.69396E-03	465022.1	3762810.4	249.1	3.40	4.51	3.16	YES	NO
L0003776	0	0.69396E-03	465028.2	3762802.8	249.6	3.40	4.51	3.16	YES	NO
L0003777	0	0.69396E-03	465034.2	3762795.2	249.5	3.40	4.51	3.16	YES	NO
L0003778	0	0.69396E-03	465040.2	3762787.6	249.1	3.40	4.51	3.16	YES	NO
L0003779	0	0.69396E-03	465046.2	3762780.0	248.9	3.40	4.51			

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3.16     YES                    NO
 L0003780         0   0.69396E-03  465052.2 3762772.4   249.1     3.40     4.51
3.16     YES                    NO
 L0003781         0   0.69396E-03  465058.3 3762764.7   249.1     3.40     4.51
3.16     YES                    NO
 L0003782         0   0.69396E-03  465064.3 3762757.1   248.9     3.40     4.51
3.16     YES                    NO
 L0003783         0   0.69396E-03  465070.3 3762749.5   248.6     3.40     4.51
3.16     YES                    NO
 L0003784         0   0.69396E-03  465076.3 3762741.9   248.8     3.40     4.51
3.16     YES                    NO
 L0003785         0   0.69396E-03  465082.3 3762734.3   248.8     3.40     4.51
3.16     YES                    NO
 L0003786         0   0.69396E-03  465088.4 3762726.7   248.6     3.40     4.51
3.16     YES                    NO
 L0003787         0   0.69396E-03  465094.4 3762719.1   248.2     3.40     4.51
3.16     YES                    NO
 L0003788         0   0.69396E-03  465100.4 3762711.5   248.2     3.40     4.51
3.16     YES                    NO
 L0003789         0   0.69396E-03  465106.4 3762703.9   248.3     3.40     4.51
3.16     YES                    NO
 L0003790         0   0.69396E-03  465112.4 3762696.3   248.2     3.40     4.51
3.16     YES                    NO
 L0003791         0   0.69396E-03  465118.5 3762688.7   247.9     3.40     4.51
3.16     YES                    NO
 L0003792         0   0.69396E-03  465124.5 3762681.1   247.9     3.40     4.51
3.16     YES                    NO
 L0003793         0   0.69396E-03  465130.5 3762673.5   247.9     3.40     4.51
3.16     YES                    NO
 L0003794         0   0.69396E-03  465136.5 3762665.9   247.8     3.40     4.51
3.16     YES                    NO
 L0003795         0   0.69396E-03  465142.6 3762658.3   247.5     3.40     4.51
3.16     YES                    NO
 L0003796         0   0.69396E-03  465148.6 3762650.7   247.4     3.40     4.51
3.16     YES                    NO
 L0003797         0   0.69396E-03  465154.6 3762643.1   247.3     3.40     4.51
3.16     YES                    NO
 L0003798         0   0.69396E-03  465160.6 3762635.5   247.1     3.40     4.51
3.16     YES                    NO
 L0003799         0   0.69396E-03  465166.6 3762627.9   246.7     3.40     4.51
3.16     YES                    NO
 L0003800         0   0.69396E-03  465172.2 3762619.9   246.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0003801	0	0.69396E-03	465177.6	3762611.8	246.5	3.40	4.51	3.16	YES	NO	
L0003802	0	0.69396E-03	465182.9	3762603.7	246.4	3.40	4.51	3.16	YES	NO	
L0003803	0	0.69396E-03	465188.2	3762595.6	246.2	3.40	4.51	3.16	YES	NO	
L0003804	0	0.69396E-03	465193.6	3762587.5	246.1	3.40	4.51	3.16	YES	NO	
L0003805	0	0.69396E-03	465198.9	3762579.4	246.1	3.40	4.51	3.16	YES	NO	
L0003806	0	0.69396E-03	465204.3	3762571.3	246.1	3.40	4.51	3.16	YES	NO	
L0003807	0	0.69396E-03	465209.6	3762563.3	246.0	3.40	4.51	3.16	YES	NO	
L0003808	0	0.69396E-03	465214.9	3762555.2	245.9	3.40	4.51	3.16	YES	NO	
L0003809	0	0.69396E-03	465220.3	3762547.1	245.8	3.40	4.51	3.16	YES	NO	
L0003810	0	0.69396E-03	465225.5	3762538.9	245.7	3.40	4.51	3.16	YES	NO	
L0003811	0	0.69396E-03	465230.7	3762530.7	245.6	3.40	4.51	3.16	YES	NO	
L0003812	0	0.69396E-03	465235.9	3762522.5	245.5	3.40	4.51	3.16	YES	NO	
L0003813	0	0.69396E-03	465241.0	3762514.3	245.5	3.40	4.51	3.16	YES	NO	
L0003814	0	0.69396E-03	465246.2	3762506.1	245.4	3.40	4.51	3.16	YES	NO	
L0003815	0	0.69396E-03	465251.4	3762497.9	245.3	3.40	4.51	3.16	YES	NO	
L0003816	0	0.69396E-03	465256.6	3762489.7	245.2	3.40	4.51	3.16	YES	NO	
L0003817	0	0.69396E-03	465261.8	3762481.5	245.2	3.40	4.51	3.16	YES	NO	
L0003818	0	0.69396E-03	465267.0	3762473.3	245.1	3.40	4.51	3.16	YES	NO	
L0003819	0	0.69396E-03	465272.2	3762465.1	245.0	3.40	4.51				

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3.16     YES                    NO
 L0003820         0   0.69396E-03  465277.4 3762456.9   245.0     3.40     4.51
3.16     YES                    NO
 L0003821         0   0.69396E-03  465283.0 3762449.0   244.9     3.40     4.51
3.16     YES                    NO
 L0003822         0   0.69396E-03  465288.5 3762441.0   244.9     3.40     4.51
3.16     YES                    NO
 L0003823         0   0.69396E-03  465294.1 3762433.1   244.9     3.40     4.51
3.16     YES                    NO
 L0003824         0   0.69396E-03  465299.7 3762425.2   244.9     3.40     4.51
3.16     YES                    NO
 L0003825         0   0.69396E-03  465305.3 3762417.3   244.9     3.40     4.51
3.16     YES                    NO
 L0003826         0   0.69396E-03  465310.9 3762409.3   244.9     3.40     4.51
3.16     YES                    NO
 L0003827         0   0.69396E-03  465316.5 3762401.4   244.9     3.40     4.51
3.16     YES                    NO
 L0003828         0   0.69396E-03  465322.0 3762393.5   244.8     3.40     4.51
3.16     YES                    NO
 L0003829         0   0.69396E-03  465327.6 3762385.5   244.8     3.40     4.51
3.16     YES                    NO
 L0003830         0   0.69396E-03  465333.2 3762377.6   244.8     3.40     4.51
3.16     YES                    NO
 L0003831         0   0.69396E-03  465338.8 3762369.7   244.8     3.40     4.51
3.16     YES                    NO
 L0003832         0   0.69396E-03  465344.4 3762361.7   244.8     3.40     4.51
3.16     YES                    NO
 L0003833         0   0.69396E-03  465349.7 3762353.6   244.8     3.40     4.51
3.16     YES                    NO
 L0003834         0   0.69396E-03  465354.9 3762345.4   244.8     3.40     4.51
3.16     YES                    NO
 L0003835         0   0.69396E-03  465360.1 3762337.3   244.8     3.40     4.51
3.16     YES                    NO
 L0003836         0   0.69396E-03  465365.3 3762329.1   244.8     3.40     4.51
3.16     YES                    NO
 L0003837         0   0.69396E-03  465370.6 3762320.9   245.0     3.40     4.51
3.16     YES                    NO
 L0003838         0   0.69396E-03  465375.8 3762312.7   245.1     3.40     4.51
3.16     YES                    NO
 L0003839         0   0.69396E-03  465381.0 3762304.6   244.9     3.40     4.51
3.16     YES                    NO
 L0003840         0   0.69396E-03  465386.2 3762296.4   245.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0003841	0	0.69396E-03	465391.5	3762288.2	245.4	3.40	4.51	3.16	YES	NO
L0003842	0	0.69396E-03	465396.7	3762280.1	245.7	3.40	4.51	3.16	YES	NO
L0003843	0	0.69396E-03	465401.9	3762271.9	245.9	3.40	4.51	3.16	YES	NO
L0003844	0	0.69396E-03	465407.1	3762263.7	246.0	3.40	4.51	3.16	YES	NO
L0003845	0	0.69396E-03	465412.4	3762255.5	246.2	3.40	4.51	3.16	YES	NO
L0003846	0	0.69396E-03	465417.6	3762247.4	246.4	3.40	4.51	3.16	YES	NO
L0003847	0	0.69396E-03	465422.8	3762239.2	246.5	3.40	4.51	3.16	YES	NO
L0003848	0	0.69396E-03	465428.1	3762231.0	246.6	3.40	4.51	3.16	YES	NO
L0003849	0	0.69396E-03	465433.3	3762222.9	246.5	3.40	4.51	3.16	YES	NO
L0003850	0	0.69396E-03	465438.5	3762214.7	246.3	3.40	4.51	3.16	YES	NO
L0003851	0	0.69396E-03	465443.7	3762206.5	246.0	3.40	4.51	3.16	YES	NO
L0003852	0	0.69396E-03	465452.5	3762203.2	246.2	3.40	4.51	3.16	YES	NO
L0003853	0	0.69396E-03	465461.9	3762200.8	246.7	3.40	4.51	3.16	YES	NO
L0003854	0	0.69396E-03	465471.3	3762198.5	247.1	3.40	4.51	3.16	YES	NO
L0003855	0	0.69396E-03	465480.4	3762195.4	247.4	3.40	4.51	3.16	YES	NO
L0003856	0	0.69396E-03	465489.6	3762192.0	247.5	3.40	4.51	3.16	YES	NO
L0003857	0	0.69396E-03	465498.7	3762188.7	247.6	3.40	4.51	3.16	YES	NO
L0003858	0	0.69396E-03	465507.8	3762185.4	247.6	3.40	4.51	3.16	YES	NO
L0003859	0	0.69396E-03	465516.9	3762182.0	247.6	3.40	4.51			

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3.16     YES                    NO
 L0003860         0   0.69396E-03  465526.0 3762178.7   247.6     3.40     4.51
3.16     YES                    NO
 L0003861         0   0.69396E-03  465535.1 3762175.3   247.8     3.40     4.51
3.16     YES                    NO
 L0003862         0   0.69396E-03  465544.2 3762172.0   247.9     3.40     4.51
3.16     YES                    NO
 L0003863         0   0.69396E-03  465553.3 3762168.7   248.0     3.40     4.51
3.16     YES                    NO
 L0003864         0   0.69396E-03  465562.4 3762165.3   248.0     3.40     4.51
3.16     YES                    NO
 L0003865         0   0.69396E-03  465571.5 3762162.0   247.9     3.40     4.51
3.16     YES                    NO
 L0003866         0   0.69396E-03  465580.6 3762158.6   247.8     3.40     4.51
3.16     YES                    NO
 L0003867         0   0.69396E-03  465589.5 3762154.8   247.7     3.40     4.51
3.16     YES                    NO
 L0003868         0   0.69396E-03  465598.4 3762151.0   247.7     3.40     4.51
3.16     YES                    NO
 L0003869         0   0.69396E-03  465607.3 3762147.1   247.8     3.40     4.51
3.16     YES                    NO
 L0003870         0   0.69396E-03  465616.2 3762143.3   247.9     3.40     4.51
3.16     YES                    NO
 L0003871         0   0.69396E-03  465625.1 3762139.4   247.9     3.40     4.51
3.16     YES                    NO
 L0003872         0   0.69396E-03  465634.0 3762135.6   247.8     3.40     4.51
3.16     YES                    NO
 L0003873         0   0.69396E-03  465642.9 3762131.7   247.8     3.40     4.51
3.16     YES                    NO
 L0003874         0   0.69396E-03  465651.8 3762127.8   247.7     3.40     4.51
3.16     YES                    NO
 L0003875         0   0.69396E-03  465660.7 3762124.0   247.8     3.40     4.51
3.16     YES                    NO
 L0003876         0   0.69396E-03  465669.6 3762120.1   247.9     3.40     4.51
3.16     YES                    NO
 L0003877         0   0.69396E-03  465678.5 3762116.3   248.0     3.40     4.51
3.16     YES                    NO
 L0003878         0   0.69396E-03  465687.5 3762112.4   248.4     3.40     4.51
3.16     YES                    NO
 L0003879         0   0.69396E-03  465696.3 3762108.5   248.4     3.40     4.51
3.16     YES                    NO
 L0003880         0   0.69396E-03  465705.2 3762104.6   248.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT EMISSION RATE VARY BY
L0003881	0	0.69396E-03	465714.1	3762100.6	248.4	3.40	4.51	3.16	YES	NO
L0003882	0	0.69396E-03	465722.9	3762096.7	248.3	3.40	4.51	3.16	YES	NO
L0003883	0	0.69396E-03	465731.8	3762092.7	248.4	3.40	4.51	3.16	YES	NO
L0003884	0	0.69396E-03	465740.6	3762088.8	248.7	3.40	4.51	3.16	YES	NO
L0003885	0	0.69396E-03	465749.5	3762084.9	248.9	3.40	4.51	3.16	YES	NO
L0003886	0	0.69396E-03	465758.4	3762080.9	249.3	3.40	4.51	3.16	YES	NO
L0003887	0	0.69396E-03	465767.2	3762077.0	249.4	3.40	4.51	3.16	YES	NO
L0003888	0	0.69396E-03	465776.0	3762072.9	249.1	3.40	4.51	3.16	YES	NO
L0003889	0	0.69396E-03	465784.8	3762068.8	249.0	3.40	4.51	3.16	YES	NO
L0003890	0	0.69396E-03	465793.6	3762064.7	249.0	3.40	4.51	3.16	YES	NO
L0003891	0	0.69396E-03	465802.4	3762060.5	249.0	3.40	4.51	3.16	YES	NO
L0003892	0	0.69396E-03	465811.2	3762056.4	249.3	3.40	4.51	3.16	YES	NO
L0003893	0	0.69396E-03	465819.9	3762052.3	249.7	3.40	4.51	3.16	YES	NO
L0003894	0	0.69396E-03	465828.7	3762048.2	250.0	3.40	4.51	3.16	YES	NO
L0003895	0	0.69396E-03	465837.5	3762044.0	249.8	3.40	4.51	3.16	YES	NO
L0003896	0	0.69396E-03	465846.3	3762039.9	249.5	3.40	4.51	3.16	YES	NO
L0003897	0	0.69396E-03	465855.1	3762035.8	249.0	3.40	4.51	3.16	YES	NO
L0003898	0	0.69396E-03	465863.8	3762031.7	248.7	3.40	4.51	3.16	YES	NO
L0003899	0	0.69396E-03	465872.6	3762027.5	248.2	3.40	4.51			

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3.16     YES                    NO
 L0003900         0   0.69396E-03  465881.4 3762023.4   247.6     3.40     4.51
3.16     YES                    NO
 L0003901         0   0.69396E-03  465890.2 3762019.3   247.0     3.40     4.51
3.16     YES                    NO
 L0003902         0   0.69396E-03  465899.0 3762015.2   247.1     3.40     4.51
3.16     YES                    NO
 L0003903         0   0.69396E-03  465907.7 3762011.0   247.9     3.40     4.51
3.16     YES                    NO
 L0003904         0   0.69396E-03  465916.5 3762006.9   248.6     3.40     4.51
3.16     YES                    NO
 L0003905         0   0.69396E-03  465925.3 3762002.8   248.9     3.40     4.51
3.16     YES                    NO
 L0003906         0   0.69396E-03  465934.1 3761998.7   249.0     3.40     4.51
3.16     YES                    NO
 L0003907         0   0.69396E-03  465942.8 3761994.5   249.3     3.40     4.51
3.16     YES                    NO
 L0003908         0   0.69396E-03  465951.6 3761990.4   249.5     3.40     4.51
3.16     YES                    NO
 L0003909         0   0.69396E-03  465960.4 3761986.3   249.7     3.40     4.51
3.16     YES                    NO
 L0003910         0   0.69396E-03  465969.2 3761982.2   249.3     3.40     4.51
3.16     YES                    NO
 L0003911         0   0.69396E-03  465978.0 3761978.0   249.0     3.40     4.51
3.16     YES                    NO
 L0003912         0   0.69396E-03  465986.7 3761973.9   248.7     3.40     4.51
3.16     YES                    NO
 L0003913         0   0.69396E-03  465995.5 3761969.8   248.7     3.40     4.51
3.16     YES                    NO
 L0003914         0   0.69396E-03  466004.3 3761965.7   248.7     3.40     4.51
3.16     YES                    NO
 L0003915         0   0.69396E-03  466013.1 3761961.5   248.7     3.40     4.51
3.16     YES                    NO
 L0003916         0   0.69396E-03  466021.9 3761957.4   248.9     3.40     4.51
3.16     YES                    NO
 L0003917         0   0.69396E-03  466030.6 3761953.3   248.8     3.40     4.51
3.16     YES                    NO
 L0003918         0   0.69396E-03  466039.4 3761949.2   248.5     3.40     4.51
3.16     YES                    NO
 L0003919         0   0.69396E-03  466048.2 3761945.0   248.3     3.40     4.51
3.16     YES                    NO
 L0003920         0   0.69396E-03  466057.0 3761940.9   248.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0003921	0	0.69396E-03	466065.8	3761936.8	248.1	3.40	4.51	3.16	YES	NO	
L0003922	0	0.69396E-03	466074.5	3761932.7	248.1	3.40	4.51	3.16	YES	NO	
L0003923	0	0.69396E-03	466083.3	3761928.5	248.1	3.40	4.51	3.16	YES	NO	
L0003924	0	0.69396E-03	466092.1	3761924.4	248.1	3.40	4.51	3.16	YES	NO	
L0003925	0	0.69396E-03	466100.9	3761920.3	247.9	3.40	4.51	3.16	YES	NO	
L0003926	0	0.69396E-03	466109.6	3761916.2	247.8	3.40	4.51	3.16	YES	NO	
L0003927	0	0.69396E-03	466118.4	3761912.0	247.7	3.40	4.51	3.16	YES	NO	
L0003928	0	0.69396E-03	466127.2	3761907.9	247.6	3.40	4.51	3.16	YES	NO	
L0003929	0	0.69396E-03	466136.0	3761903.8	247.6	3.40	4.51	3.16	YES	NO	
L0003930	0	0.69396E-03	466144.8	3761899.6	247.6	3.40	4.51	3.16	YES	NO	
L0003931	0	0.69396E-03	466153.5	3761895.5	247.5	3.40	4.51	3.16	YES	NO	
L0003932	0	0.69396E-03	466162.3	3761891.4	247.5	3.40	4.51	3.16	YES	NO	
L0003933	0	0.69396E-03	466171.1	3761887.3	247.6	3.40	4.51	3.16	YES	NO	
L0003934	0	0.69396E-03	466179.9	3761883.1	247.7	3.40	4.51	3.16	YES	NO	
L0003935	0	0.69396E-03	466188.7	3761879.0	247.8	3.40	4.51	3.16	YES	NO	
L0003936	0	0.69396E-03	466197.4	3761874.9	247.8	3.40	4.51	3.16	YES	NO	
L0003937	0	0.69396E-03	466206.2	3761870.8	247.8	3.40	4.51	3.16	YES	NO	
L0003938	0	0.69396E-03	466215.0	3761866.6	247.7	3.40	4.51	3.16	YES	NO	
L0003939	0	0.69396E-03	466223.8	3761862.5	247.4	3.40	4.51				

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3.16     YES                    NO
 L0003940         0   0.69396E-03  466232.6 3761858.4   247.8     3.40     4.51
3.16     YES                    NO
 L0003941         0   0.69396E-03  466241.3 3761854.3   248.2     3.40     4.51
3.16     YES                    NO
 L0003942         0   0.69396E-03  466250.1 3761850.1   248.4     3.40     4.51
3.16     YES                    NO
 L0003943         0   0.69396E-03  466258.9 3761846.0   248.4     3.40     4.51
3.16     YES                    NO
 L0003944         0   0.69396E-03  466267.7 3761841.9   248.4     3.40     4.51
3.16     YES                    NO
 L0003945         0   0.69396E-03  466276.4 3761837.8   248.2     3.40     4.51
3.16     YES                    NO
 L0003946         0   0.69396E-03  466285.2 3761833.6   248.0     3.40     4.51
3.16     YES                    NO
 L0003947         0   0.69396E-03  466294.0 3761829.4   248.2     3.40     4.51
3.16     YES                    NO
 L0003948         0   0.69396E-03  466302.6 3761825.0   248.6     3.40     4.51
3.16     YES                    NO
 L0003949         0   0.69396E-03  466311.2 3761820.6   249.0     3.40     4.51
3.16     YES                    NO
 L0003950         0   0.69396E-03  466319.9 3761816.2   249.2     3.40     4.51
3.16     YES                    NO
 L0003951         0   0.69396E-03  466328.5 3761811.7   249.1     3.40     4.51
3.16     YES                    NO
 L0003952         0   0.69396E-03  466337.1 3761807.3   249.1     3.40     4.51
3.16     YES                    NO
 L0003953         0   0.69396E-03  466345.7 3761802.9   248.9     3.40     4.51
3.16     YES                    NO
 L0003954         0   0.69396E-03  466354.4 3761798.4   248.9     3.40     4.51
3.16     YES                    NO
 L0003955         0   0.69396E-03  466363.0 3761794.0   249.5     3.40     4.51
3.16     YES                    NO
 L0003956         0   0.69396E-03  466371.6 3761789.6   250.0     3.40     4.51
3.16     YES                    NO
 L0003957         0   0.69396E-03  466380.3 3761785.1   250.1     3.40     4.51
3.16     YES                    NO
 L0003958         0   0.69396E-03  466388.9 3761780.7   250.3     3.40     4.51
3.16     YES                    NO
 L0003959         0   0.69396E-03  466397.5 3761776.3   250.4     3.40     4.51
3.16     YES                    NO
 L0003960         0   0.69396E-03  466406.1 3761771.8   250.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0003961	0	0.69396E-03	466414.8	3761767.4	250.4	3.40	4.51	3.16	YES	NO
L0003962	0	0.69396E-03	466423.4	3761763.0	251.1	3.40	4.51	3.16	YES	NO
L0003963	0	0.69396E-03	466432.2	3761759.0	251.5	3.40	4.51	3.16	YES	NO
L0003964	0	0.69396E-03	466441.1	3761755.0	251.9	3.40	4.51	3.16	YES	NO
L0003965	0	0.69396E-03	466450.0	3761751.1	252.2	3.40	4.51	3.16	YES	NO
L0003966	0	0.69396E-03	466458.8	3761747.1	252.2	3.40	4.51	3.16	YES	NO
L0003967	0	0.69396E-03	466467.7	3761743.1	252.3	3.40	4.51	3.16	YES	NO
L0003968	0	0.69396E-03	466476.5	3761739.2	252.3	3.40	4.51	3.16	YES	NO
L0003969	0	0.69396E-03	466485.4	3761735.2	252.6	3.40	4.51	3.16	YES	NO
L0003970	0	0.69396E-03	466494.2	3761731.2	253.1	3.40	4.51	3.16	YES	NO
L0003971	0	0.69396E-03	466503.1	3761727.3	253.4	3.40	4.51	3.16	YES	NO
L0003972	0	0.69396E-03	466511.9	3761723.3	253.7	3.40	4.51	3.16	YES	NO
L0003973	0	0.69396E-03	466520.8	3761719.4	254.0	3.40	4.51	3.16	YES	NO
L0003974	0	0.69396E-03	466529.6	3761715.4	254.2	3.40	4.51	3.16	YES	NO
L0003975	0	0.69396E-03	466538.5	3761711.4	254.4	3.40	4.51	3.16	YES	NO
L0003976	0	0.69396E-03	466547.3	3761707.5	254.5	3.40	4.51	3.16	YES	NO
L0003977	0	0.69396E-03	466556.2	3761703.5	254.9	3.40	4.51	3.16	YES	NO
L0003978	0	0.69396E-03	466565.0	3761699.5	255.4	3.40	4.51	3.16	YES	NO
L0003979	0	0.69396E-03	466573.9	3761695.6	255.9	3.40	4.51			

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3.16     YES                    NO
 L0003980         0   0.69396E-03  466582.7 3761691.6   256.3     3.40     4.51
3.16     YES                    NO
 L0003981         0   0.69396E-03  466591.6 3761687.6   256.7     3.40     4.51
3.16     YES                    NO
 L0003982         0   0.69396E-03  466600.4 3761683.7   257.0     3.40     4.51
3.16     YES                    NO
 L0003983         0   0.69396E-03  466609.3 3761679.7   257.1     3.40     4.51
3.16     YES                    NO
 L0003984         0   0.69396E-03  466618.2 3761675.7   257.1     3.40     4.51
3.16     YES                    NO
 L0003985         0   0.69396E-03  466627.0 3761671.8   257.7     3.40     4.51
3.16     YES                    NO
 L0003986         0   0.69396E-03  466635.9 3761667.8   258.1     3.40     4.51
3.16     YES                    NO
 L0003987         0   0.69396E-03  466644.7 3761663.8   258.3     3.40     4.51
3.16     YES                    NO
 L0003988         0   0.69396E-03  466653.6 3761659.9   258.5     3.40     4.51
3.16     YES                    NO
 L0003989         0   0.69396E-03  466662.4 3761655.9   258.7     3.40     4.51
3.16     YES                    NO
 L0003990         0   0.69396E-03  466671.3 3761652.0   258.9     3.40     4.51
3.16     YES                    NO
 L0003991         0   0.69396E-03  466680.1 3761648.0   259.0     3.40     4.51
3.16     YES                    NO
 L0003992         0   0.69396E-03  466689.0 3761644.0   259.3     3.40     4.51
3.16     YES                    NO
 L0003993         0   0.69396E-03  466697.8 3761640.1   259.6     3.40     4.51
3.16     YES                    NO
 L0003994         0   0.69396E-03  466706.7 3761636.1   259.9     3.40     4.51
3.16     YES                    NO
 L0003995         0   0.69396E-03  466715.5 3761632.1   260.2     3.40     4.51
3.16     YES                    NO
 L0003996         0   0.69396E-03  466724.4 3761628.2   260.4     3.40     4.51
3.16     YES                    NO
 L0003997         0   0.69396E-03  466733.1 3761624.0   260.7     3.40     4.51
3.16     YES                    NO
 L0003998         0   0.69396E-03  466739.7 3761616.9   261.0     3.40     4.51
3.16     YES                    NO
 L0003999         0   0.69396E-03  466746.4 3761609.8   261.3     3.40     4.51
3.16     YES                    NO
 L0004000         0   0.69396E-03  466753.0 3761602.8   261.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0004001	0	0.69396E-03	466759.7	3761595.7	261.8	3.40	4.51	3.16	YES	NO
L0004002	0	0.69396E-03	466766.3	3761588.6	262.2	3.40	4.51	3.16	YES	NO
L0004003	0	0.69396E-03	466773.0	3761581.6	262.5	3.40	4.51	3.16	YES	NO
L0004004	0	0.69396E-03	466779.6	3761574.5	262.8	3.40	4.51	3.16	YES	NO
L0004005	0	0.69396E-03	466786.3	3761567.4	263.0	3.40	4.51	3.16	YES	NO
L0004006	0	0.69396E-03	466792.9	3761560.4	263.3	3.40	4.51	3.16	YES	NO
L0004007	0	0.69396E-03	466798.9	3761552.8	263.6	3.40	4.51	3.16	YES	NO
L0004008	0	0.69396E-03	466803.9	3761544.5	263.7	3.40	4.51	3.16	YES	NO
L0004009	0	0.69396E-03	466809.0	3761536.3	263.9	3.40	4.51	3.16	YES	NO
L0004010	0	0.69396E-03	466814.0	3761528.0	264.1	3.40	4.51	3.16	YES	NO
L0004011	0	0.69396E-03	466819.1	3761519.7	264.3	3.40	4.51	3.16	YES	NO
L0004012	0	0.69396E-03	466824.2	3761511.4	264.5	3.40	4.51	3.16	YES	NO
L0004013	0	0.69396E-03	466829.2	3761503.1	264.7	3.40	4.51	3.16	YES	NO
L0004014	0	0.69396E-03	466834.3	3761494.9	264.9	3.40	4.51	3.16	YES	NO
L0004015	0	0.69396E-03	466839.3	3761486.6	265.1	3.40	4.51	3.16	YES	NO
L0004016	0	0.69396E-03	466843.0	3761477.7	265.2	3.40	4.51	3.16	YES	NO
L0004017	0	0.69396E-03	466846.1	3761468.5	265.2	3.40	4.51	3.16	YES	NO
L0004018	0	0.69396E-03	466849.1	3761459.3	265.3	3.40	4.51	3.16	YES	NO
L0004019	0	0.69396E-03	466852.2	3761450.1	265.3	3.40	4.51			

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3.16     YES                    NO
 L0004020         0   0.69396E-03  466855.3 3761440.9   265.4     3.40     4.51
3.16     YES                    NO
 L0004021         0   0.69396E-03  466858.3 3761431.6   265.4     3.40     4.51
3.16     YES                    NO
 L0004022         0   0.69396E-03  466861.4 3761422.4   265.4     3.40     4.51
3.16     YES                    NO
 L0004023         0   0.69396E-03  466864.5 3761413.2   265.5     3.40     4.51
3.16     YES                    NO
 L0004024         0   0.69396E-03  466867.5 3761404.0   265.6     3.40     4.51
3.16     YES                    NO
 L0004025         0   0.69396E-03  466869.1 3761394.6   265.6     3.40     4.51
3.16     YES                    NO
 L0004026         0   0.69396E-03  466869.6 3761384.9   265.6     3.40     4.51
3.16     YES                    NO
 L0004027         0   0.69396E-03  466870.0 3761375.2   265.6     3.40     4.51
3.16     YES                    NO
 L0004028         0   0.69396E-03  466870.5 3761365.5   265.6     3.40     4.51
3.16     YES                    NO
 L0004029         0   0.69396E-03  466870.9 3761355.8   265.6     3.40     4.51
3.16     YES                    NO
 L0004030         0   0.69396E-03  466871.3 3761346.1   265.5     3.40     4.51
3.16     YES                    NO
 L0004031         0   0.69396E-03  466871.8 3761336.4   265.5     3.40     4.51
3.16     YES                    NO
 L0004032         0   0.69396E-03  466872.2 3761326.7   265.5     3.40     4.51
3.16     YES                    NO
 L0004033         0   0.69396E-03  466872.7 3761317.1   265.5     3.40     4.51
3.16     YES                    NO
 L0004034         0   0.69396E-03  466871.7 3761307.5   265.5     3.40     4.51
3.16     YES                    NO
 L0004035         0   0.69396E-03  466869.0 3761298.2   265.5     3.40     4.51
3.16     YES                    NO
 L0004036         0   0.69396E-03  466866.2 3761288.9   265.5     3.40     4.51
3.16     YES                    NO
 L0004037         0   0.69396E-03  466863.5 3761279.6   265.5     3.40     4.51
3.16     YES                    NO
 L0004038         0   0.69396E-03  466860.8 3761270.3   265.6     3.40     4.51
3.16     YES                    NO
 L0004039         0   0.69396E-03  466858.1 3761261.0   265.6     3.40     4.51
3.16     YES                    NO
 L0004040         0   0.69396E-03  466855.3 3761251.7   265.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0004041	0	0.69396E-03	466852.6	3761242.4	265.8	3.40	4.51	3.16	YES	NO	
L0004042	0	0.69396E-03	466849.9	3761233.1	265.9	3.40	4.51	3.16	YES	NO	
L0004043	0	0.69396E-03	466847.2	3761223.7	266.0	3.40	4.51	3.16	YES	NO	
L0004044	0	0.69396E-03	466844.4	3761214.4	266.1	3.40	4.51	3.16	YES	NO	
L0004045	0	0.69396E-03	466841.7	3761205.1	266.1	3.40	4.51	3.16	YES	NO	
L0004046	0	0.69396E-03	466839.0	3761195.8	266.2	3.40	4.51	3.16	YES	NO	
L0004047	0	0.69396E-03	466836.3	3761186.5	266.2	3.40	4.51	3.16	YES	NO	
L0004048	0	0.69396E-03	466833.5	3761177.2	266.2	3.40	4.51	3.16	YES	NO	
L0004049	0	0.69396E-03	466830.8	3761167.9	266.3	3.40	4.51	3.16	YES	NO	
L0004050	0	0.69396E-03	466828.1	3761158.6	266.4	3.40	4.51	3.16	YES	NO	
L0004051	0	0.69396E-03	466825.4	3761149.3	266.4	3.40	4.51	3.16	YES	NO	
L0004052	0	0.69396E-03	466819.2	3761142.1	266.5	3.40	4.51	3.16	YES	NO	
L0004053	0	0.69396E-03	466812.0	3761135.6	266.5	3.40	4.51	3.16	YES	NO	
L0004054	0	0.69396E-03	466804.8	3761129.1	266.5	3.40	4.51	3.16	YES	NO	
L0004055	0	0.69396E-03	466797.7	3761122.5	266.4	3.40	4.51	3.16	YES	NO	
L0004056	0	0.69396E-03	466790.5	3761116.0	266.4	3.40	4.51	3.16	YES	NO	
L0004057	0	0.69396E-03	466783.3	3761109.5	266.4	3.40	4.51	3.16	YES	NO	
L0004058	0	0.69396E-03	466776.2	3761102.9	266.4	3.40	4.51	3.16	YES	NO	
L0004059	0	0.69396E-03	466769.0	3761096.4	266.4	3.40	4.51				

3.16   YES   NO
 L0004060   0   0.69396E-03 466761.8 3761089.9   266.3   3.40   4.51
3.16   YES   NO
 L0004061   0   0.69396E-03 466754.7 3761083.3   266.4   3.40   4.51
3.16   YES   NO
 L0004062   0   0.69396E-03 466747.5 3761076.8   266.4   3.40   4.51
3.16   YES   NO
 L0004063   0   0.69396E-03 466740.3 3761070.2   266.4   3.40   4.51
3.16   YES   NO
 L0004064   0   0.69396E-03 466733.2 3761063.7   266.5   3.40   4.51
3.16   YES   NO
 L0004065   0   0.69396E-03 466726.0 3761057.2   266.5   3.40   4.51
3.16   YES   NO
 L0004066   0   0.69396E-03 466718.8 3761050.6   266.6   3.40   4.51
3.16   YES   NO
 L0004067   0   0.69396E-03 466711.6 3761044.1   266.7   3.40   4.51
3.16   YES   NO
 L0004068   0   0.69396E-03 466704.5 3761037.6   266.8   3.40   4.51
3.16   YES   NO
 L0004069   0   0.69396E-03 466697.3 3761031.0   266.9   3.40   4.51
3.16   YES   NO
 L0004070   0   0.69396E-03 466690.1 3761024.5   266.9   3.40   4.51
3.16   YES   NO
 L0004071   0   0.69396E-03 466682.4 3761018.7   266.9   3.40   4.51
3.16   YES   NO
 L0004072   0   0.69396E-03 466674.4 3761013.2   267.0   3.40   4.51
3.16   YES   NO
 L0004073   0   0.69396E-03 466666.4 3761007.7   267.0   3.40   4.51
3.16   YES   NO
 L0004074   0   0.69396E-03 466658.4 3761002.2   267.1   3.40   4.51
3.16   YES   NO
 L0004075   0   0.69396E-03 466650.5 3760996.6   267.2   3.40   4.51
3.16   YES   NO
 L0004076   0   0.69396E-03 466642.5 3760991.1   267.2   3.40   4.51
3.16   YES   NO
 L0004077   0   0.69396E-03 466634.5 3760985.6   267.2   3.40   4.51
3.16   YES   NO
 L0004078   0   0.69396E-03 466626.5 3760980.1   267.2   3.40   4.51
3.16   YES   NO
 L0004079   0   0.69396E-03 466618.6 3760974.6   267.3   3.40   4.51
3.16   YES   NO
 L0004080   0   0.69396E-03 466610.6 3760969.0   267.4   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0004081	0	0.69396E-03	466602.6	3760963.5	267.4	3.40	4.51	3.16	YES	NO
L0004082	0	0.69396E-03	466594.6	3760958.0	267.4	3.40	4.51	3.16	YES	NO
L0004083	0	0.69396E-03	466586.7	3760952.5	267.5	3.40	4.51	3.16	YES	NO
L0004084	0	0.69396E-03	466578.7	3760947.0	267.5	3.40	4.51	3.16	YES	NO
L0004085	0	0.69396E-03	466570.7	3760941.4	267.6	3.40	4.51	3.16	YES	NO
L0004086	0	0.69396E-03	466562.7	3760935.9	267.8	3.40	4.51	3.16	YES	NO
L0004087	0	0.69396E-03	466554.8	3760930.4	267.8	3.40	4.51	3.16	YES	NO
L0004088	0	0.69396E-03	466546.8	3760924.9	267.8	3.40	4.51	3.16	YES	NO
L0004089	0	0.69396E-03	466538.8	3760919.3	267.9	3.40	4.51	3.16	YES	NO
L0004090	0	0.69396E-03	466530.8	3760913.8	267.9	3.40	4.51	3.16	YES	NO
L0004091	0	0.69396E-03	466522.9	3760908.3	268.0	3.40	4.51	3.16	YES	NO
L0004092	0	0.69396E-03	466514.9	3760902.8	268.2	3.40	4.51	3.16	YES	NO
L0004093	0	0.69396E-03	466506.9	3760897.3	268.2	3.40	4.51	3.16	YES	NO
L0004094	0	0.69396E-03	466498.9	3760891.7	268.2	3.40	4.51	3.16	YES	NO
L0004095	0	0.69396E-03	466491.0	3760886.2	268.2	3.40	4.51	3.16	YES	NO
L0004096	0	0.69396E-03	466483.0	3760880.7	268.4	3.40	4.51	3.16	YES	NO
L0004097	0	0.69396E-03	466476.1	3760874.0	268.4	3.40	4.51	3.16	YES	NO
L0004098	0	0.69396E-03	466469.8	3760866.6	268.3	3.40	4.51	3.16	YES	NO
L0004099	0	0.69396E-03	466463.6	3760859.1	268.3	3.40	4.51			

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3.16     YES                    NO
 L0004100         0   0.69396E-03  466457.4 3760851.7   268.4     3.40     4.51
3.16     YES                    NO
 L0004101         0   0.69396E-03  466451.2 3760844.3   268.7     3.40     4.51
3.16     YES                    NO
 L0004102         0   0.69396E-03  466444.9 3760836.8   268.8     3.40     4.51
3.16     YES                    NO
 L0004103         0   0.69396E-03  466438.7 3760829.4   268.8     3.40     4.51
3.16     YES                    NO
 L0004104         0   0.69396E-03  466432.5 3760821.9   268.8     3.40     4.51
3.16     YES                    NO
 L0004105         0   0.69396E-03  466426.3 3760814.5   268.8     3.40     4.51
3.16     YES                    NO
 L0004106         0   0.69396E-03  466420.0 3760807.1   268.9     3.40     4.51
3.16     YES                    NO
 L0004107         0   0.69396E-03  466413.8 3760799.6   269.0     3.40     4.51
3.16     YES                    NO
 L0004108         0   0.69396E-03  466407.6 3760792.2   269.0     3.40     4.51
3.16     YES                    NO
 L0004109         0   0.69396E-03  466401.4 3760784.8   269.0     3.40     4.51
3.16     YES                    NO
 L0004110         0   0.69396E-03  466395.1 3760777.3   269.1     3.40     4.51
3.16     YES                    NO
 L0004111         0   0.69396E-03  466388.9 3760769.9   269.2     3.40     4.51
3.16     YES                    NO
 L0004112         0   0.69396E-03  466382.7 3760762.4   269.3     3.40     4.51
3.16     YES                    NO
 L0004113         0   0.69396E-03  466376.4 3760755.0   269.3     3.40     4.51
3.16     YES                    NO
 L0004114         0   0.69396E-03  466370.2 3760747.6   269.4     3.40     4.51
3.16     YES                    NO
 L0004115         0   0.69396E-03  466364.0 3760740.1   269.4     3.40     4.51
3.16     YES                    NO
 L0004116         0   0.69396E-03  466357.8 3760732.7   269.6     3.40     4.51
3.16     YES                    NO
 L0004117         0   0.69396E-03  466351.5 3760725.3   269.7     3.40     4.51
3.16     YES                    NO
 L0004118         0   0.69396E-03  466345.3 3760717.8   269.6     3.40     4.51
3.16     YES                    NO
 L0004119         0   0.69396E-03  466339.1 3760710.4   269.6     3.40     4.51
3.16     YES                    NO
 L0004120         0   0.69396E-03  466333.6 3760702.4   269.6     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT
L0004121	0	0.69396E-03	466329.2	3760693.8	269.8	3.40	4.51	3.16	YES	NO
L0004122	0	0.69396E-03	466324.9	3760685.1	269.8	3.40	4.51	3.16	YES	NO
L0004123	0	0.69396E-03	466320.5	3760676.5	269.5	3.40	4.51	3.16	YES	NO
L0004124	0	0.69396E-03	466316.1	3760667.8	269.5	3.40	4.51	3.16	YES	NO
L0004125	0	0.69396E-03	466311.7	3760659.2	269.5	3.40	4.51	3.16	YES	NO
L0004126	0	0.69396E-03	466307.3	3760650.5	269.6	3.40	4.51	3.16	YES	NO
L0004127	0	0.69396E-03	466302.9	3760641.9	269.7	3.40	4.51	3.16	YES	NO
L0004128	0	0.69396E-03	466298.5	3760633.2	269.8	3.40	4.51	3.16	YES	NO
L0004129	0	0.69396E-03	466294.1	3760624.6	269.7	3.40	4.51	3.16	YES	NO
L0004130	0	0.69396E-03	466289.8	3760615.9	269.6	3.40	4.51	3.16	YES	NO
L0004131	0	0.69396E-03	466285.4	3760607.3	269.8	3.40	4.51	3.16	YES	NO
L0004132	0	0.69396E-03	466281.0	3760598.6	270.0	3.40	4.51	3.16	YES	NO
L0004133	0	0.69396E-03	466276.6	3760590.0	270.2	3.40	4.51	3.16	YES	NO
L0004134	0	0.69396E-03	466272.2	3760581.3	270.2	3.40	4.51	3.16	YES	NO
L0004135	0	0.69396E-03	466267.8	3760572.7	270.3	3.40	4.51	3.16	YES	NO
L0004136	0	0.69396E-03	466263.4	3760564.0	270.3	3.40	4.51	3.16	YES	NO
L0004137	0	0.69396E-03	466259.0	3760555.4	270.4	3.40	4.51	3.16	YES	NO
L0004138	0	0.69396E-03	466254.6	3760546.7	270.7	3.40	4.51	3.16	YES	NO
L0004139	0	0.69396E-03	466250.3	3760538.1	271.1	3.40	4.51			

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3.16     YES                    NO
 L0004140         0   0.69396E-03  466245.9 3760529.4   271.1     3.40     4.51
3.16     YES                    NO
 L0004141         0   0.69396E-03  466241.5 3760520.8   271.1     3.40     4.51
3.16     YES                    NO
 L0004142         0   0.69396E-03  466237.1 3760512.1   271.2     3.40     4.51
3.16     YES                    NO
 L0004143         0   0.69396E-03  466232.7 3760503.5   271.1     3.40     4.51
3.16     YES                    NO
 L0004144         0   0.69396E-03  466228.3 3760494.8   270.4     3.40     4.51
3.16     YES                    NO
 L0004145         0   0.69396E-03  466223.9 3760486.2   269.6     3.40     4.51
3.16     YES                    NO
 L0004146         0   0.69396E-03  466219.5 3760477.5   268.6     3.40     4.51
3.16     YES                    NO
 L0004147         0   0.69396E-03  466215.2 3760468.9   267.6     3.40     4.51
3.16     YES                    NO
 L0004148         0   0.69396E-03  466210.8 3760460.2   266.8     3.40     4.51
3.16     YES                    NO
 L0004149         0   0.69396E-03  466206.4 3760451.6   266.3     3.40     4.51
3.16     YES                    NO
 L0004150         0   0.69396E-03  466202.0 3760442.9   266.0     3.40     4.51
3.16     YES                    NO
 L0004151         0   0.69396E-03  466197.6 3760434.3   265.9     3.40     4.51
3.16     YES                    NO
 L0004152         0   0.69396E-03  466192.4 3760426.2   265.9     3.40     4.51
3.16     YES                    NO
 L0004153         0   0.69396E-03  466186.1 3760418.8   265.9     3.40     4.51
3.16     YES                    NO
 L0004154         0   0.69396E-03  466179.9 3760411.4   265.8     3.40     4.51
3.16     YES                    NO
 L0004155         0   0.69396E-03  466173.6 3760404.0   265.8     3.40     4.51
3.16     YES                    NO
 L0004156         0   0.69396E-03  466167.3 3760396.6   265.8     3.40     4.51
3.16     YES                    NO
 L0004157         0   0.69396E-03  466161.0 3760389.2   265.8     3.40     4.51
3.16     YES                    NO
 L0004158         0   0.69396E-03  466154.8 3760381.8   266.3     3.40     4.51
3.16     YES                    NO
 L0004159         0   0.69396E-03  466148.5 3760374.4   267.6     3.40     4.51
3.16     YES                    NO
 L0004160         0   0.69396E-03  466142.2 3760367.0   268.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT EMISSION RATE SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0004161	0	0.69396E-03	NO	466135.9	3760359.6	269.9	3.40	4.51	3.16	YES
L0004162	0	0.69396E-03	NO	466129.7	3760352.2	270.7	3.40	4.51	3.16	YES
L0004163	0	0.69396E-03	NO	466123.4	3760344.8	270.9	3.40	4.51	3.16	YES
L0004164	0	0.69396E-03	NO	466117.1	3760337.4	271.0	3.40	4.51	3.16	YES
L0004165	0	0.69396E-03	NO	466110.8	3760330.0	270.9	3.40	4.51	3.16	YES
L0004166	0	0.69396E-03	NO	466104.6	3760322.6	270.9	3.40	4.51	3.16	YES
L0004167	0	0.69396E-03	NO	466098.3	3760315.2	270.8	3.40	4.51	3.16	YES
L0004168	0	0.69396E-03	NO	466092.0	3760307.8	270.7	3.40	4.51	3.16	YES
L0004169	0	0.69396E-03	NO	466085.7	3760300.4	270.6	3.40	4.51	3.16	YES
L0004170	0	0.69396E-03	NO	466079.5	3760293.0	270.7	3.40	4.51	3.16	YES
L0004171	0	0.69396E-03	NO	466073.2	3760285.6	270.7	3.40	4.51	3.16	YES
L0004172	0	0.69396E-03	NO	466066.9	3760278.2	270.6	3.40	4.51	3.16	YES
L0004173	0	0.69396E-03	NO	466060.6	3760270.8	270.6	3.40	4.51	3.16	YES
L0004174	0	0.69396E-03	NO	466054.4	3760263.4	270.8	3.40	4.51	3.16	YES
L0004175	0	0.69396E-03	NO	466048.1	3760256.0	270.9	3.40	4.51	3.16	YES
L0004176	0	0.69396E-03	NO	466041.8	3760248.6	270.9	3.40	4.51	3.16	YES
L0004177	0	0.69396E-03	NO	466035.5	3760241.2	270.8	3.40	4.51	3.16	YES
L0004178	0	0.69396E-03	NO	466029.3	3760233.8	270.9	3.40	4.51	3.16	YES
L0004179	0	0.69396E-03	NO	466023.0	3760226.4	271.1	3.40	4.51		

3.16   YES   NO
 L0004180   0   0.69396E-03 466016.7 3760219.0   271.1   3.40   4.51
3.16   YES   NO
 L0004181   0   0.69396E-03 466010.5 3760211.6   270.9   3.40   4.51
3.16   YES   NO
 L0004182   0   0.69396E-03 466004.2 3760204.2   271.0   3.40   4.51
3.16   YES   NO
 L0004183   0   0.69396E-03 465997.9 3760196.8   271.2   3.40   4.51
3.16   YES   NO
 L0004184   0   0.69396E-03 465991.6 3760189.4   271.2   3.40   4.51
3.16   YES   NO
 L0004185   0   0.69396E-03 465985.4 3760182.0   271.0   3.40   4.51
3.16   YES   NO
 L0004186   0   0.69396E-03 465979.1 3760174.6   271.0   3.40   4.51
3.16   YES   NO
 L0004187   0   0.69396E-03 465972.8 3760167.2   271.2   3.40   4.51
3.16   YES   NO
 L0004188   0   0.69396E-03 465966.5 3760159.8   271.1   3.40   4.51
3.16   YES   NO
 L0004189   0   0.69396E-03 465960.3 3760152.4   270.9   3.40   4.51
3.16   YES   NO
 L0004190   0   0.69396E-03 465954.0 3760145.0   270.8   3.40   4.51
3.16   YES   NO
 L0004191   0   0.69396E-03 465947.7 3760137.6   271.0   3.40   4.51
3.16   YES   NO
 L0004192   0   0.69396E-03 465941.4 3760130.2   270.9   3.40   4.51
3.16   YES   NO
 L0004193   0   0.69396E-03 465935.2 3760122.8   270.6   3.40   4.51
3.16   YES   NO
 L0004194   0   0.69396E-03 465928.9 3760115.4   270.4   3.40   4.51
3.16   YES   NO
 L0004195   0   0.69396E-03 465922.5 3760108.2   270.4   3.40   4.51
3.16   YES   NO
 L0004196   0   0.69396E-03 465916.0 3760101.0   269.4   3.40   4.51
3.16   YES   NO
 L0004197   0   0.69396E-03 465909.5 3760093.8   268.1   3.40   4.51
3.16   YES   NO
 L0004198   0   0.69396E-03 465903.0 3760086.6   267.2   3.40   4.51
3.16   YES   NO
 L0004199   0   0.69396E-03 465896.5 3760079.4   266.8   3.40   4.51
3.16   YES   NO
 L0004200   0   0.69396E-03 465890.0 3760072.1   267.4   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0004201	0	0.69396E-03	465883.5	3760064.9	268.3	3.40	4.51	3.16	YES	NO
L0004202	0	0.69396E-03	465877.0	3760057.7	269.2	3.40	4.51	3.16	YES	NO
L0004203	0	0.69396E-03	465870.5	3760050.5	270.2	3.40	4.51	3.16	YES	NO
L0004204	0	0.69396E-03	465864.0	3760043.3	270.9	3.40	4.51	3.16	YES	NO
L0004205	0	0.69396E-03	465857.5	3760036.1	270.4	3.40	4.51	3.16	YES	NO
L0004206	0	0.69396E-03	465851.0	3760028.9	270.2	3.40	4.51	3.16	YES	NO
L0004207	0	0.69396E-03	465844.5	3760021.7	270.4	3.40	4.51	3.16	YES	NO
L0004208	0	0.69396E-03	465838.0	3760014.5	270.8	3.40	4.51	3.16	YES	NO
L0004209	0	0.69396E-03	465831.5	3760007.3	269.4	3.40	4.51	3.16	YES	NO
L0004210	0	0.69396E-03	465825.0	3760000.1	267.8	3.40	4.51	3.16	YES	NO
L0004211	0	0.69396E-03	465818.6	3759992.9	266.4	3.40	4.51	3.16	YES	NO
L0004212	0	0.69396E-03	465812.1	3759985.7	265.2	3.40	4.51	3.16	YES	NO
L0004213	0	0.69396E-03	465805.6	3759978.5	265.5	3.40	4.51	3.16	YES	NO
L0004214	0	0.69396E-03	465799.1	3759971.3	266.5	3.40	4.51	3.16	YES	NO
L0004215	0	0.69396E-03	465792.6	3759964.1	267.9	3.40	4.51	3.16	YES	NO
L0004216	0	0.69396E-03	465786.1	3759956.9	269.7	3.40	4.51	3.16	YES	NO
L0004217	0	0.69396E-03	465779.6	3759949.7	270.0	3.40	4.51	3.16	YES	NO
L0004218	0	0.69396E-03	465773.1	3759942.5	269.7	3.40	4.51	3.16	YES	NO
L0004219	0	0.69396E-03	465766.6	3759935.3	269.8	3.40	4.51			

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3.16     YES                    NO
 L0004220         0   0.69396E-03  465760.1 3759928.1   270.3     3.40     4.51
3.16     YES                    NO
 L0004221         0   0.69396E-03  465753.6 3759920.9   269.9     3.40     4.51
3.16     YES                    NO
 L0004222         0   0.69396E-03  465747.1 3759913.7   269.3     3.40     4.51
3.16     YES                    NO
 L0004223         0   0.69396E-03  465740.6 3759906.5   269.1     3.40     4.51
3.16     YES                    NO
 L0004224         0   0.69396E-03  465734.1 3759899.2   269.4     3.40     4.51
3.16     YES                    NO
 L0004225         0   0.69396E-03  465727.6 3759892.0   269.2     3.40     4.51
3.16     YES                    NO
 L0004226         0   0.69396E-03  465721.1 3759884.8   268.4     3.40     4.51
3.16     YES                    NO
 L0004227         0   0.69396E-03  465714.6 3759877.6   268.0     3.40     4.51
3.16     YES                    NO
 L0004228         0   0.69396E-03  465708.1 3759870.4   268.1     3.40     4.51
3.16     YES                    NO
 L0004229         0   0.69396E-03  465704.2 3759861.8   268.3     3.40     4.51
3.16     YES                    NO
 L0004230         0   0.69396E-03  465701.6 3759852.5   268.0     3.40     4.51
3.16     YES                    NO
 L0004231         0   0.69396E-03  465699.0 3759843.2   267.8     3.40     4.51
3.16     YES                    NO
 L0004232         0   0.69396E-03  465696.4 3759833.8   267.8     3.40     4.51
3.16     YES                    NO
 L0004233         0   0.69396E-03  465693.8 3759824.5   267.7     3.40     4.51
3.16     YES                    NO
 L0004234         0   0.69396E-03  465691.2 3759815.1   267.6     3.40     4.51
3.16     YES                    NO
 L0004235         0   0.69396E-03  465688.6 3759805.8   267.6     3.40     4.51
3.16     YES                    NO
 L0004236         0   0.69396E-03  465686.0 3759796.4   267.6     3.40     4.51
3.16     YES                    NO
 L0004237         0   0.69396E-03  465683.4 3759787.1   267.3     3.40     4.51
3.16     YES                    NO
 L0004238         0   0.69396E-03  465680.8 3759777.7   267.1     3.40     4.51
3.16     YES                    NO
 L0004239         0   0.69396E-03  465678.2 3759768.4   266.7     3.40     4.51
3.16     YES                    NO
 L0004240         0   0.69396E-03  465675.6 3759759.0   266.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0004241	0	0.69396E-03	465673.0	3759749.7	265.8	3.40	4.51	3.16	YES	NO	
L0004242	0	0.69396E-03	465670.4	3759740.3	265.4	3.40	4.51	3.16	YES	NO	
L0004243	0	0.69396E-03	465667.8	3759731.0	265.1	3.40	4.51	3.16	YES	NO	
L0004244	0	0.69396E-03	465665.2	3759721.7	264.8	3.40	4.51	3.16	YES	NO	
L0004245	0	0.69396E-03	465662.6	3759712.3	264.5	3.40	4.51	3.16	YES	NO	
L0004246	0	0.69396E-03	465660.0	3759703.0	264.2	3.40	4.51	3.16	YES	NO	
L0004247	0	0.69396E-03	465657.4	3759693.6	264.0	3.40	4.51	3.16	YES	NO	
L0004248	0	0.69396E-03	465654.8	3759684.3	263.7	3.40	4.51	3.16	YES	NO	
L0004249	0	0.69396E-03	465652.2	3759674.9	263.2	3.40	4.51	3.16	YES	NO	
L0004250	0	0.69396E-03	465649.6	3759665.6	262.9	3.40	4.51	3.16	YES	NO	
L0004251	0	0.69396E-03	465647.0	3759656.2	262.6	3.40	4.51	3.16	YES	NO	
L0004252	0	0.69396E-03	465644.2	3759647.0	262.2	3.40	4.51	3.16	YES	NO	
L0004253	0	0.69396E-03	465641.1	3759637.8	262.0	3.40	4.51	3.16	YES	NO	
L0004254	0	0.69396E-03	465637.9	3759628.6	261.8	3.40	4.51	3.16	YES	NO	
L0004255	0	0.69396E-03	465634.8	3759619.4	261.7	3.40	4.51	3.16	YES	NO	
L0004256	0	0.69396E-03	465631.7	3759610.2	261.5	3.40	4.51	3.16	YES	NO	
L0004257	0	0.69396E-03	465628.6	3759601.0	261.4	3.40	4.51	3.16	YES	NO	
L0004258	0	0.69396E-03	465625.4	3759591.9	261.4	3.40	4.51	3.16	YES	NO	
L0004259	0	0.69396E-03	465622.3	3759582.7	261.5	3.40	4.51				

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3.16     YES                    NO
 L0004260         0   0.69396E-03  465619.2 3759573.5   261.6     3.40     4.51
3.16     YES                    NO
 L0004261         0   0.69396E-03  465616.1 3759564.3   261.6     3.40     4.51
3.16     YES                    NO
 L0004262         0   0.69396E-03  465612.9 3759555.1   261.7     3.40     4.51
3.16     YES                    NO
 L0004263         0   0.69396E-03  465609.8 3759546.0   261.7     3.40     4.51
3.16     YES                    NO
 L0004264         0   0.69396E-03  465606.7 3759536.8   261.6     3.40     4.51
3.16     YES                    NO
 L0004265         0   0.69396E-03  465603.6 3759527.6   261.5     3.40     4.51
3.16     YES                    NO
 L0004266         0   0.69396E-03  465600.4 3759518.4   261.5     3.40     4.51
3.16     YES                    NO
 L0004267         0   0.69396E-03  465597.3 3759509.2   261.6     3.40     4.51
3.16     YES                    NO
 L0004268         0   0.69396E-03  465594.2 3759500.0   261.8     3.40     4.51
3.16     YES                    NO
 L0004269         0   0.69396E-03  465591.0 3759490.9   262.0     3.40     4.51
3.16     YES                    NO
 L0004270         0   0.69396E-03  465587.9 3759481.7   262.1     3.40     4.51
3.16     YES                    NO
 L0004271         0   0.69396E-03  465584.8 3759472.5   262.1     3.40     4.51
3.16     YES                    NO
 L0004272         0   0.69396E-03  465581.7 3759463.3   262.0     3.40     4.51
3.16     YES                    NO
 L0004273         0   0.69396E-03  465578.5 3759454.1   261.6     3.40     4.51
3.16     YES                    NO
 L0004274         0   0.69396E-03  465575.4 3759444.9   261.1     3.40     4.51
3.16     YES                    NO
 L0004275         0   0.69396E-03  465572.3 3759435.8   260.7     3.40     4.51
3.16     YES                    NO
 L0004276         0   0.69396E-03  465569.2 3759426.6   260.6     3.40     4.51
3.16     YES                    NO
 L0004277         0   0.69396E-03  465566.0 3759417.4   260.4     3.40     4.51
3.16     YES                    NO
 L0004278         0   0.69396E-03  465562.9 3759408.2   260.1     3.40     4.51
3.16     YES                    NO
 L0004279         0   0.69396E-03  465559.8 3759399.0   259.7     3.40     4.51
3.16     YES                    NO
 L0004280         0   0.69396E-03  465556.7 3759389.9   259.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0004281	0	0.69396E-03	465553.5	3759380.7	259.1	3.40	4.51	3.16	YES	NO	
L0004282	0	0.69396E-03	465550.4	3759371.5	258.8	3.40	4.51	3.16	YES	NO	
L0004283	0	0.69396E-03	465547.3	3759362.3	258.9	3.40	4.51	3.16	YES	NO	
L0004284	0	0.69396E-03	465544.2	3759353.1	258.9	3.40	4.51	3.16	YES	NO	
L0004285	0	0.69396E-03	465541.0	3759343.9	258.7	3.40	4.51	3.16	YES	NO	
L0004286	0	0.69396E-03	465537.9	3759334.8	258.5	3.40	4.51	3.16	YES	NO	
L0004287	0	0.69396E-03	465534.8	3759325.6	258.4	3.40	4.51	3.16	YES	NO	
L0004288	0	0.69396E-03	465531.7	3759316.4	258.4	3.40	4.51	3.16	YES	NO	
L0004289	0	0.69396E-03	465528.5	3759307.2	258.2	3.40	4.51	3.16	YES	NO	
L0004290	0	0.69396E-03	465525.4	3759298.0	258.2	3.40	4.51	3.16	YES	NO	
L0004291	0	0.69396E-03	465522.3	3759288.8	258.2	3.40	4.51	3.16	YES	NO	
L0004292	0	0.69396E-03	465519.2	3759279.7	258.2	3.40	4.51	3.16	YES	NO	
L0004293	0	0.69396E-03	465515.1	3759270.9	258.3	3.40	4.51	3.16	YES	NO	
L0004294	0	0.69396E-03	465509.9	3759262.7	258.4	3.40	4.51	3.16	YES	NO	
L0004295	0	0.69396E-03	465504.7	3759254.6	258.3	3.40	4.51	3.16	YES	NO	
L0004296	0	0.69396E-03	465499.4	3759246.4	258.0	3.40	4.51	3.16	YES	NO	
L0004297	0	0.69396E-03	465494.2	3759238.3	258.2	3.40	4.51	3.16	YES	NO	
L0004298	0	0.69396E-03	465488.9	3759230.1	258.3	3.40	4.51	3.16	YES	NO	
L0004299	0	0.69396E-03	465483.7	3759221.9	258.2	3.40	4.51				

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3.16     YES                    NO
 L0004300         0   0.69396E-03  465478.4 3759213.8   258.1     3.40     4.51
3.16     YES                    NO
 L0004301         0   0.69396E-03  465473.2 3759205.6   258.0     3.40     4.51
3.16     YES                    NO
 L0004302         0   0.69396E-03  465467.9 3759197.5   258.2     3.40     4.51
3.16     YES                    NO
 L0004303         0   0.69396E-03  465462.7 3759189.3   258.2     3.40     4.51
3.16     YES                    NO
 L0004304         0   0.69396E-03  465457.4 3759181.2   258.1     3.40     4.51
3.16     YES                    NO
 L0004305         0   0.69396E-03  465452.2 3759173.0   258.1     3.40     4.51
3.16     YES                    NO
 L0004306         0   0.69396E-03  465447.0 3759164.8   258.0     3.40     4.51
3.16     YES                    NO
 L0004307         0   0.69396E-03  465441.7 3759156.7   258.1     3.40     4.51
3.16     YES                    NO
 L0004308         0   0.69396E-03  465436.5 3759148.5   258.1     3.40     4.51
3.16     YES                    NO
 L0004309         0   0.69396E-03  465431.2 3759140.4   258.1     3.40     4.51
3.16     YES                    NO
 L0004310         0   0.69396E-03  465426.0 3759132.2   258.0     3.40     4.51
3.16     YES                    NO
 L0004311         0   0.69396E-03  465420.7 3759124.0   257.8     3.40     4.51
3.16     YES                    NO
 L0004312         0   0.69396E-03  465415.5 3759115.9   257.9     3.40     4.51
3.16     YES                    NO
 L0004313         0   0.69396E-03  465410.2 3759107.7   257.9     3.40     4.51
3.16     YES                    NO
 L0004314         0   0.69396E-03  465405.0 3759099.6   257.8     3.40     4.51
3.16     YES                    NO
 L0004315         0   0.69396E-03  465399.7 3759091.4   257.7     3.40     4.51
3.16     YES                    NO
 L0004316         0   0.69396E-03  465394.5 3759083.2   257.7     3.40     4.51
3.16     YES                    NO
 L0004317         0   0.69396E-03  465389.3 3759075.1   257.8     3.40     4.51
3.16     YES                    NO
 L0004318         0   0.69396E-03  465384.0 3759066.9   257.7     3.40     4.51
3.16     YES                    NO
 L0004319         0   0.69396E-03  465378.8 3759058.8   257.6     3.40     4.51
3.16     YES                    NO
 L0004320         0   0.69396E-03  465373.5 3759050.6   257.6     3.40     4.51
3.16     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0004321	0	0.69396E-03	465369.4	3759041.8	257.7	3.40	4.51	3.16	YES	NO	
L0004322	0	0.69396E-03	465365.5	3759033.0	257.8	3.40	4.51	3.16	YES	NO	
L0004323	0	0.69396E-03	465361.5	3759024.1	257.9	3.40	4.51	3.16	YES	NO	
L0004324	0	0.69396E-03	465357.6	3759015.2	257.9	3.40	4.51	3.16	YES	NO	
L0004325	0	0.69396E-03	465353.6	3759006.4	257.8	3.40	4.51	3.16	YES	NO	
L0004326	0	0.69396E-03	465349.7	3758997.5	257.6	3.40	4.51	3.16	YES	NO	
L0004327	0	0.69396E-03	465345.7	3758988.7	257.6	3.40	4.51	3.16	YES	NO	
L0004328	0	0.69396E-03	465341.7	3758979.8	257.7	3.40	4.51	3.16	YES	NO	
L0004329	0	0.69396E-03	465337.8	3758971.0	257.8	3.40	4.51	3.16	YES	NO	
L0004330	0	0.69396E-03	465333.8	3758962.1	257.9	3.40	4.51	3.16	YES	NO	
L0004331	0	0.69396E-03	465329.9	3758953.2	257.9	3.40	4.51	3.16	YES	NO	
L0004332	0	0.69396E-03	465325.9	3758944.4	257.7	3.40	4.51	3.16	YES	NO	
L0004333	0	0.69396E-03	465322.0	3758935.5	257.5	3.40	4.51	3.16	YES	NO	
L0004334	0	0.69396E-03	465318.0	3758926.7	257.5	3.40	4.51	3.16	YES	NO	
L0004335	0	0.69396E-03	465314.1	3758917.8	257.7	3.40	4.51	3.16	YES	NO	
L0004336	0	0.69396E-03	465310.1	3758909.0	257.6	3.40	4.51	3.16	YES	NO	
L0004337	0	0.69396E-03	465306.2	3758900.1	257.9	3.40	4.51	3.16	YES	NO	
L0004338	0	0.69396E-03	465302.2	3758891.2	257.9	3.40	4.51	3.16	YES	NO	
L0004339	0	0.69396E-03	465298.2	3758882.4	257.7	3.40	4.51				

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3.16     YES                    NO
 L0004340         0   0.69396E-03  465294.3 3758873.5   257.5     3.40     4.51
3.16     YES                    NO
 L0004341         0   0.69396E-03  465290.3 3758864.7   257.6     3.40     4.51
3.16     YES                    NO
 L0004342         0   0.69396E-03  465286.4 3758855.8   257.8     3.40     4.51
3.16     YES                    NO
 L0004343         0   0.69396E-03  465282.4 3758847.0   257.7     3.40     4.51
3.16     YES                    NO
 L0004344         0   0.69396E-03  465278.5 3758838.1   258.0     3.40     4.51
3.16     YES                    NO
 L0004345         0   0.69396E-03  465274.5 3758829.2   258.1     3.40     4.51
3.16     YES                    NO
 L0004346         0   0.69396E-03  465270.5 3758820.4   257.7     3.40     4.51
3.16     YES                    NO
 L0004347         0   0.69396E-03  465266.4 3758811.6   257.5     3.40     4.51
3.16     YES                    NO
 L0004348         0   0.69396E-03  465262.3 3758802.8   258.0     3.40     4.51
3.16     YES                    NO
 L0004349         0   0.69396E-03  465258.2 3758794.1   258.2     3.40     4.51
3.16     YES                    NO
 L0004350         0   0.69396E-03  465254.0 3758785.3   258.1     3.40     4.51
3.16     YES                    NO
 L0004351         0   0.69396E-03  465249.9 3758776.5   258.2     3.40     4.51
3.16     YES                    NO
 L0004352         0   0.69396E-03  465245.8 3758767.7   258.0     3.40     4.51
3.16     YES                    NO
 L0004353         0   0.69396E-03  465241.7 3758758.9   257.3     3.40     4.51
3.16     YES                    NO
 L0004354         0   0.69396E-03  465237.6 3758750.1   257.6     3.40     4.51
3.16     YES                    NO
 L0004355         0   0.69396E-03  465233.5 3758741.3   258.1     3.40     4.51
3.16     YES                    NO
 L0004356         0   0.69396E-03  465229.4 3758732.6   258.2     3.40     4.51
3.16     YES                    NO
 L0004357         0   0.69396E-03  465225.3 3758723.8   258.0     3.40     4.51
3.16     YES                    NO
 L0004358         0   0.69396E-03  465221.2 3758715.0   257.9     3.40     4.51
3.16     YES                    NO
 L0004359         0   0.69396E-03  465217.1 3758706.2   257.4     3.40     4.51
3.16     YES                    NO
 L0004360         0   0.69396E-03  465212.9 3758697.4   257.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE AIRCRAFT VARY
L0004361	0	0.69396E-03	465208.8	3758688.6	257.4	3.40	4.51	3.16	YES	NO
L0004362	0	0.69396E-03	465204.7	3758679.8	257.5	3.40	4.51	3.16	YES	NO
L0004363	0	0.69396E-03	465200.6	3758671.1	257.5	3.40	4.51	3.16	YES	NO
L0004364	0	0.69396E-03	465196.5	3758662.3	257.2	3.40	4.51	3.16	YES	NO
L0004365	0	0.69396E-03	465192.4	3758653.5	256.9	3.40	4.51	3.16	YES	NO
L0004366	0	0.69396E-03	465188.3	3758644.7	256.6	3.40	4.51	3.16	YES	NO
L0004367	0	0.69396E-03	465184.2	3758635.9	256.6	3.40	4.51	3.16	YES	NO
L0004368	0	0.69396E-03	465180.1	3758627.1	256.5	3.40	4.51	3.16	YES	NO
L0004369	0	0.69396E-03	465176.0	3758618.3	256.6	3.40	4.51	3.16	YES	NO
L0004370	0	0.69396E-03	465171.9	3758609.5	256.6	3.40	4.51	3.16	YES	NO
L0004371	0	0.69396E-03	465167.7	3758600.8	256.7	3.40	4.51	3.16	YES	NO
L0004372	0	0.69396E-03	465163.6	3758592.0	256.6	3.40	4.51	3.16	YES	NO
L0004373	0	0.69396E-03	465159.5	3758583.2	256.2	3.40	4.51	3.16	YES	NO
L0004374	0	0.69396E-03	465156.1	3758574.2	256.0	3.40	4.51	3.16	YES	NO
L0004375	0	0.69396E-03	465155.0	3758564.6	256.1	3.40	4.51	3.16	YES	NO
L0004376	0	0.69396E-03	465153.9	3758554.9	256.1	3.40	4.51	3.16	YES	NO
L0004377	0	0.69396E-03	465152.8	3758545.3	256.2	3.40	4.51	3.16	YES	NO
L0004378	0	0.69396E-03	465151.7	3758535.7	256.4	3.40	4.51	3.16	YES	NO
L0004379	0	0.69396E-03	465150.6	3758526.0	256.7	3.40	4.51			

3.16   YES   NO
 L0004380   0   0.69396E-03 465149.5 3758516.4   257.0   3.40   4.51
3.16   YES   NO
 L0004381   0   0.69396E-03 465148.4 3758506.7   257.3   3.40   4.51
3.16   YES   NO
 L0004382   0   0.69396E-03 465147.3 3758497.1   257.9   3.40   4.51
3.16   YES   NO
 L0004383   0   0.69396E-03 465146.2 3758487.5   258.4   3.40   4.51
3.16   YES   NO
 L0004384   0   0.69396E-03 465145.1 3758477.8   258.8   3.40   4.51
3.16   YES   NO
 L0004385   0   0.69396E-03 465144.0 3758468.2   259.0   3.40   4.51
3.16   YES   NO
 L0004386   0   0.69396E-03 465142.8 3758458.6   259.2   3.40   4.51
3.16   YES   NO
 L0004387   0   0.69396E-03 465141.7 3758448.9   259.4   3.40   4.51
3.16   YES   NO
 L0004388   0   0.69396E-03 465140.6 3758439.3   259.3   3.40   4.51
3.16   YES   NO
 L0004389   0   0.69396E-03 465139.5 3758429.7   259.3   3.40   4.51
3.16   YES   NO
 L0004390   0   0.69396E-03 465138.4 3758420.0   259.3   3.40   4.51
3.16   YES   NO
 L0004391   0   0.69396E-03 465137.3 3758410.4   259.4   3.40   4.51
3.16   YES   NO
 L0004392   0   0.69396E-03 465136.2 3758400.7   259.6   3.40   4.51
3.16   YES   NO
 L0004393   0   0.69396E-03 465135.1 3758391.1   259.9   3.40   4.51
3.16   YES   NO
 L0004394   0   0.69396E-03 465134.0 3758381.5   260.2   3.40   4.51
3.16   YES   NO
 L0004395   0   0.69396E-03 465132.9 3758371.8   260.4   3.40   4.51
3.16   YES   NO
 L0004396   0   0.69396E-03 465131.8 3758362.2   260.8   3.40   4.51
3.16   YES   NO
 L0004397   0   0.69396E-03 465130.7 3758352.6   261.1   3.40   4.51
3.16   YES   NO
 L0004398   0   0.69396E-03 465129.6 3758342.9   261.2   3.40   4.51
3.16   YES   NO
 L0004399   0   0.69396E-03 465128.5 3758333.3   261.3   3.40   4.51
3.16   YES   NO
 L0004400   0   0.69396E-03 465127.9 3758323.6   261.4   3.40   4.51
3.16   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0004401	0	0.69396E-03	465127.4	3758313.9	261.8	3.40	4.51	3.16	YES	NO	
L0004402	0	0.69396E-03	465126.9	3758304.2	262.1	3.40	4.51	3.16	YES	NO	
L0004403	0	0.69396E-03	465126.4	3758294.5	262.4	3.40	4.51	3.16	YES	NO	
L0004404	0	0.69396E-03	465125.9	3758284.9	262.8	3.40	4.51	3.16	YES	NO	
L0004405	0	0.69396E-03	465125.4	3758275.2	263.2	3.40	4.51	3.16	YES	NO	
L0004406	0	0.69396E-03	465124.9	3758265.5	263.6	3.40	4.51	3.16	YES	NO	
L0004407	0	0.69396E-03	465124.4	3758255.8	264.0	3.40	4.51	3.16	YES	NO	
L0004408	0	0.69396E-03	465124.0	3758246.1	264.3	3.40	4.51	3.16	YES	NO	
L0004409	0	0.69396E-03	465123.5	3758236.4	264.6	3.40	4.51	3.16	YES	NO	
L0004410	0	0.69396E-03	465123.0	3758226.7	264.9	3.40	4.51	3.16	YES	NO	
L0004411	0	0.69396E-03	465122.5	3758217.0	265.2	3.40	4.51	3.16	YES	NO	
L0004412	0	0.69396E-03	465122.0	3758207.4	265.5	3.40	4.51	3.16	YES	NO	
L0004413	0	0.69396E-03	465121.5	3758197.7	265.8	3.40	4.51	3.16	YES	NO	
L0004414	0	0.69396E-03	465121.0	3758188.0	266.1	3.40	4.51	3.16	YES	NO	
L0004415	0	0.69396E-03	465120.5	3758178.3	266.5	3.40	4.51	3.16	YES	NO	
L0004416	0	0.69396E-03	465120.0	3758168.6	266.8	3.40	4.51	3.16	YES	NO	
L0004417	0	0.69396E-03	465119.5	3758158.9	267.1	3.40	4.51	3.16	YES	NO	
L0004418	0	0.69396E-03	465119.0	3758149.2	267.4	3.40	4.51	3.16	YES	NO	
L0004419	0	0.69396E-03	465118.6	3758139.5	267.8	3.40	4.51				

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3.16     YES                    NO
 L0004420         0   0.69396E-03  465118.1 3758129.9   268.0     3.40     4.51
3.16     YES                    NO
 L0004421         0   0.69396E-03  465117.6 3758120.2   268.3     3.40     4.51
3.16     YES                    NO
 L0004422         0   0.69396E-03  465117.1 3758110.5   268.6     3.40     4.51
3.16     YES                    NO
 L0004423         0   0.69396E-03  465116.6 3758100.8   268.8     3.40     4.51
3.16     YES                    NO
 L0004424         0   0.69396E-03  465116.1 3758091.1   269.1     3.40     4.51
3.16     YES                    NO
 L0004425         0   0.69396E-03  465115.6 3758081.4   269.3     3.40     4.51
3.16     YES                    NO
 L0004426         0   0.69396E-03  465115.1 3758071.7   269.6     3.40     4.51
3.16     YES                    NO
 L0004427         0   0.69396E-03  465114.6 3758062.0   269.8     3.40     4.51
3.16     YES                    NO
 L0004428         0   0.69396E-03  465114.1 3758052.4   270.1     3.40     4.51
3.16     YES                    NO
 L0004429         0   0.69396E-03  465113.6 3758042.7   270.4     3.40     4.51
3.16     YES                    NO
 L0004430         0   0.69396E-03  465113.1 3758033.0   270.6     3.40     4.51
3.16     YES                    NO
 L0004431         0   0.69396E-03  465112.7 3758023.3   270.9     3.40     4.51
3.16     YES                    NO
 L0004432         0   0.69396E-03  465112.2 3758013.6   271.1     3.40     4.51
3.16     YES                    NO
 L0004433         0   0.69396E-03  465111.7 3758003.9   271.4     3.40     4.51
3.16     YES                    NO
 L0004434         0   0.69396E-03  465111.2 3757994.2   271.6     3.40     4.51
3.16     YES                    NO
 L0004435         0   0.69396E-03  465110.7 3757984.5   271.9     3.40     4.51
3.16     YES                    NO
 L0004436         0   0.69396E-03  465110.2 3757974.9   272.1     3.40     4.51
3.16     YES                    NO
 L0004437         0   0.69396E-03  465109.7 3757965.2   272.4     3.40     4.51
3.16     YES                    NO
 L0004438         0   0.69396E-03  465109.2 3757955.5   272.8     3.40     4.51
3.16     YES                    NO
 L0004439         0   0.69396E-03  465108.7 3757945.8   273.1     3.40     4.51
3.16     YES                    NO
 L0004440         0   0.69396E-03  465108.2 3757936.1   273.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0004441	0	0.69396E-03	465107.7	3757926.4	273.8	3.40	4.51	3.16	YES	NO
L0004442	0	0.69396E-03	465107.2	3757916.7	274.2	3.40	4.51	3.16	YES	NO
L0004443	0	0.69396E-03	465106.8	3757907.0	274.5	3.40	4.51	3.16	YES	NO
L0004444	0	0.69396E-03	465106.3	3757897.4	274.8	3.40	4.51	3.16	YES	NO
L0004445	0	0.69396E-03	465105.8	3757887.7	275.1	3.40	4.51	3.16	YES	NO
L0004446	0	0.69396E-03	465105.3	3757878.0	275.4	3.40	4.51	3.16	YES	NO
L0004447	0	0.69396E-03	465104.8	3757868.3	275.6	3.40	4.51	3.16	YES	NO
L0004448	0	0.69396E-03	465104.3	3757858.6	275.9	3.40	4.51	3.16	YES	NO
L0004449	0	0.69396E-03	465103.8	3757848.9	276.1	3.40	4.51	3.16	YES	NO
L0004450	0	0.69396E-03	465103.3	3757839.2	276.3	3.40	4.51	3.16	YES	NO
L0004451	0	0.69396E-03	465102.8	3757829.5	276.5	3.40	4.51	3.16	YES	NO
L0004452	0	0.69396E-03	465102.3	3757819.9	276.7	3.40	4.51	3.16	YES	NO
L0004453	0	0.69396E-03	465101.8	3757810.2	276.8	3.40	4.51	3.16	YES	NO
L0004454	0	0.69396E-03	465101.4	3757800.5	276.9	3.40	4.51	3.16	YES	NO
L0004455	0	0.69396E-03	465100.9	3757790.8	277.2	3.40	4.51	3.16	YES	NO
L0004456	0	0.69396E-03	465100.4	3757781.1	277.4	3.40	4.51	3.16	YES	NO
L0004457	0	0.69396E-03	465098.1	3757771.7	277.5	3.40	4.51	3.16	YES	NO
L0004458	0	0.69396E-03	465095.1	3757762.5	277.6	3.40	4.51	3.16	YES	NO
L0004459	0	0.69396E-03	465092.1	3757753.3	277.5	3.40	4.51			

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3.16     YES                    NO
 L0004460         0   0.69396E-03  465089.1 3757744.1   277.2     3.40     4.51
3.16     YES                    NO
 L0004461         0   0.69396E-03  465086.0 3757734.9   276.9     3.40     4.51
3.16     YES                    NO
 L0004462         0   0.69396E-03  465083.0 3757725.6   276.8     3.40     4.51
3.16     YES                    NO
 L0004463         0   0.69396E-03  465080.0 3757716.4   277.0     3.40     4.51
3.16     YES                    NO
 L0004464         0   0.69396E-03  465077.0 3757707.2   277.0     3.40     4.51
3.16     YES                    NO
 L0004465         0   0.69396E-03  465074.0 3757698.0   277.0     3.40     4.51
3.16     YES                    NO
 L0004466         0   0.69396E-03  465071.0 3757688.8   276.9     3.40     4.51
3.16     YES                    NO
 L0004467         0   0.69396E-03  465068.0 3757679.5   276.6     3.40     4.51
3.16     YES                    NO
 L0004468         0   0.69396E-03  465065.0 3757670.3   276.4     3.40     4.51
3.16     YES                    NO
 L0004469         0   0.69396E-03  465062.0 3757661.1   276.2     3.40     4.51
3.16     YES                    NO
 L0004470         0   0.69396E-03  465059.0 3757651.9   275.9     3.40     4.51
3.16     YES                    NO
 L0004471         0   0.69396E-03  465056.0 3757642.6   275.9     3.40     4.51
3.16     YES                    NO
 L0004472         0   0.69396E-03  465053.0 3757633.4   275.9     3.40     4.51
3.16     YES                    NO
 L0004473         0   0.69396E-03  465050.0 3757624.2   275.8     3.40     4.51
3.16     YES                    NO
 L0004474         0   0.69396E-03  465047.0 3757615.0   275.5     3.40     4.51
3.16     YES                    NO
 L0004475         0   0.69396E-03  465043.9 3757605.8   275.3     3.40     4.51
3.16     YES                    NO
 L0004476         0   0.69396E-03  465040.9 3757596.5   275.1     3.40     4.51
3.16     YES                    NO
 L0004477         0   0.69396E-03  465035.8 3757588.4   274.7     3.40     4.51
3.16     YES                    NO
 L0004478         0   0.69396E-03  465029.9 3757580.8   274.5     3.40     4.51
3.16     YES                    NO
 L0004479         0   0.69396E-03  465023.9 3757573.1   274.4     3.40     4.51
3.16     YES                    NO
 L0004480         0   0.69396E-03  465017.9 3757565.5   274.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0004481	0	0.69396E-03	465012.0	3757557.8	273.7	3.40	4.51	3.16	YES	NO
L0004482	0	0.69396E-03	465006.0	3757550.2	273.3	3.40	4.51	3.16	YES	NO
L0004483	0	0.69396E-03	465000.0	3757542.5	273.5	3.40	4.51	3.16	YES	NO
L0004484	0	0.69396E-03	464994.1	3757534.9	273.3	3.40	4.51	3.16	YES	NO
L0004485	0	0.69396E-03	464988.1	3757527.2	272.9	3.40	4.51	3.16	YES	NO
L0004486	0	0.69396E-03	464982.1	3757519.6	272.4	3.40	4.51	3.16	YES	NO
L0004487	0	0.69396E-03	464976.2	3757511.9	272.5	3.40	4.51	3.16	YES	NO
L0004488	0	0.69396E-03	464970.2	3757504.3	272.4	3.40	4.51	3.16	YES	NO
L0004489	0	0.69396E-03	464964.2	3757496.6	272.0	3.40	4.51	3.16	YES	NO
L0004490	0	0.69396E-03	464958.3	3757489.0	271.6	3.40	4.51	3.16	YES	NO
L0004491	0	0.69396E-03	464952.3	3757481.3	271.5	3.40	4.51	3.16	YES	NO
L0004492	0	0.69396E-03	464946.3	3757473.7	271.5	3.40	4.51	3.16	YES	NO
L0004493	0	0.69396E-03	464940.4	3757466.1	271.1	3.40	4.51	3.16	YES	NO
L0004494	0	0.69396E-03	464934.4	3757458.4	270.7	3.40	4.51	3.16	YES	NO
L0004495	0	0.69396E-03	464928.4	3757450.8	270.5	3.40	4.51	3.16	YES	NO
L0004496	0	0.69396E-03	464922.5	3757443.1	270.5	3.40	4.51	3.16	YES	NO
L0004497	0	0.69396E-03	464916.5	3757435.5	270.2	3.40	4.51	3.16	YES	NO
L0004498	0	0.69396E-03	464910.5	3757427.8	269.8	3.40	4.51	3.16	YES	NO
L0004499	0	0.69396E-03	464904.6	3757420.2	269.6	3.40	4.51			

3.16   YES   NO
 L0004500   0   0.69396E-03 464898.6 3757412.5   269.5   3.40   4.51
3.16   YES   NO
 L0004501   0   0.69396E-03 464892.6 3757404.9   269.2   3.40   4.51
3.16   YES   NO
 L0004502   0   0.69396E-03 464886.7 3757397.2   268.8   3.40   4.51
3.16   YES   NO
 L0004503   0   0.69396E-03 464879.9 3757390.3   268.6   3.40   4.51
3.16   YES   NO
 L0004504   0   0.69396E-03 464872.4 3757384.3   268.5   3.40   4.51
3.16   YES   NO
 L0004505   0   0.69396E-03 464864.8 3757378.2   268.3   3.40   4.51
3.16   YES   NO
 L0004506   0   0.69396E-03 464857.3 3757372.1   267.9   3.40   4.51
3.16   YES   NO
 L0004507   0   0.69396E-03 464849.7 3757366.0   267.6   3.40   4.51
3.16   YES   NO
 L0004508   0   0.69396E-03 464842.2 3757359.9   267.5   3.40   4.51
3.16   YES   NO
 L0004509   0   0.69396E-03 464834.6 3757353.8   267.4   3.40   4.51
3.16   YES   NO
 L0004510   0   0.69396E-03 464827.1 3757347.7   267.1   3.40   4.51
3.16   YES   NO
 L0004511   0   0.69396E-03 464819.5 3757341.6   266.8   3.40   4.51
3.16   YES   NO
 L0004512   0   0.69396E-03 464812.0 3757335.6   266.6   3.40   4.51
3.16   YES   NO
 L0004513   0   0.69396E-03 464804.4 3757329.5   266.5   3.40   4.51
3.16   YES   NO
 L0004514   0   0.69396E-03 464796.9 3757323.4   266.3   3.40   4.51
3.16   YES   NO
 L0004515   0   0.69396E-03 464789.3 3757317.3   266.2   3.40   4.51
3.16   YES   NO
 L0004516   0   0.69396E-03 464781.7 3757311.2   266.1   3.40   4.51
3.16   YES   NO
 L0004517   0   0.69396E-03 464774.2 3757305.1   265.9   3.40   4.51
3.16   YES   NO
 L0004518   0   0.69396E-03 464766.6 3757299.0   265.8   3.40   4.51
3.16   YES   NO
 L0004519   0   0.69396E-03 464759.1 3757292.9   265.8   3.40   4.51
3.16   YES   NO
 L0004520   0   0.69396E-03 464751.5 3757286.9   265.8   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0004521	0	0.69396E-03	464744.0	3757280.8	265.7	3.40	4.51	3.16	YES	NO	
L0004522	0	0.69396E-03	464736.4	3757274.7	265.7	3.40	4.51	3.16	YES	NO	
L0004523	0	0.69396E-03	464728.9	3757268.6	265.7	3.40	4.51	3.16	YES	NO	
L0004524	0	0.69396E-03	464721.3	3757262.5	265.7	3.40	4.51	3.16	YES	NO	
L0004525	0	0.69396E-03	464713.8	3757256.4	265.8	3.40	4.51	3.16	YES	NO	
L0004526	0	0.69396E-03	464706.2	3757250.3	265.9	3.40	4.51	3.16	YES	NO	
L0004527	0	0.69396E-03	464698.7	3757244.3	266.0	3.40	4.51	3.16	YES	NO	
L0004528	0	0.69396E-03	464691.1	3757238.2	266.0	3.40	4.51	3.16	YES	NO	
L0004529	0	0.69396E-03	464683.6	3757232.1	266.1	3.40	4.51	3.16	YES	NO	
L0004530	0	0.69396E-03	464676.0	3757226.0	266.2	3.40	4.51	3.16	YES	NO	
L0004531	0	0.69396E-03	464668.5	3757219.9	266.4	3.40	4.51	3.16	YES	NO	
L0004532	0	0.69396E-03	464660.9	3757213.8	266.5	3.40	4.51	3.16	YES	NO	
L0004533	0	0.69396E-03	464653.4	3757207.7	266.6	3.40	4.51	3.16	YES	NO	
L0004534	0	0.69396E-03	464645.8	3757201.6	266.8	3.40	4.51	3.16	YES	NO	
L0004535	0	0.69396E-03	464638.3	3757195.6	266.8	3.40	4.51	3.16	YES	NO	
L0004536	0	0.69396E-03	464630.7	3757189.5	267.0	3.40	4.51	3.16	YES	NO	
L0004537	0	0.69396E-03	464623.1	3757183.4	267.3	3.40	4.51	3.16	YES	NO	
L0004538	0	0.69396E-03	464615.6	3757177.3	267.1	3.40	4.51	3.16	YES	NO	
L0004539	0	0.69396E-03	464609.5	3757169.8	267.0	3.40	4.51				

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3.16     YES                    NO
 L0004540         0   0.69396E-03  464603.6 3757162.1   267.3     3.40     4.51
3.16     YES                    NO
 L0004541         0   0.69396E-03  464597.7 3757154.4   267.7     3.40     4.51
3.16     YES                    NO
 L0004542         0   0.69396E-03  464591.8 3757146.7   267.6     3.40     4.51
3.16     YES                    NO
 L0004543         0   0.69396E-03  464585.8 3757139.0   267.4     3.40     4.51
3.16     YES                    NO
 L0004544         0   0.69396E-03  464579.9 3757131.3   267.4     3.40     4.51
3.16     YES                    NO
 L0004545         0   0.69396E-03  464574.0 3757123.7   267.6     3.40     4.51
3.16     YES                    NO
 L0004546         0   0.69396E-03  464568.1 3757116.0   266.6     3.40     4.51
3.16     YES                    NO
 L0004547         0   0.69396E-03  464562.1 3757108.3   265.3     3.40     4.51
3.16     YES                    NO
 L0004548         0   0.69396E-03  464556.2 3757100.6   264.2     3.40     4.51
3.16     YES                    NO
 L0004549         0   0.69396E-03  464550.3 3757092.9   263.4     3.40     4.51
3.16     YES                    NO
 L0004550         0   0.69396E-03  464544.4 3757085.3   262.9     3.40     4.51
3.16     YES                    NO
 L0004551         0   0.69396E-03  464538.4 3757077.6   262.4     3.40     4.51
3.16     YES                    NO
 L0004552         0   0.69396E-03  464532.5 3757069.9   262.0     3.40     4.51
3.16     YES                    NO
 L0004553         0   0.69396E-03  464526.6 3757062.2   262.1     3.40     4.51
3.16     YES                    NO
 L0004554         0   0.69396E-03  464520.7 3757054.5   263.4     3.40     4.51
3.16     YES                    NO
 L0004555         0   0.69396E-03  464514.7 3757046.9   264.8     3.40     4.51
3.16     YES                    NO
 L0004556         0   0.69396E-03  464508.8 3757039.2   265.7     3.40     4.51
3.16     YES                    NO
 L0004557         0   0.69396E-03  464504.3 3757030.7   266.4     3.40     4.51
3.16     YES                    NO
 L0004558         0   0.69396E-03  464500.5 3757021.8   266.4     3.40     4.51
3.16     YES                    NO
 L0004559         0   0.69396E-03  464496.8 3757012.8   266.6     3.40     4.51
3.16     YES                    NO
 L0004560         0   0.69396E-03  464493.0 3757003.9   267.1     3.40     4.51
3.16     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0004561	0	0.69396E-03	464489.3	3756994.9	266.9	3.40	4.51	3.16	YES	NO	
L0004562	0	0.69396E-03	464485.5	3756986.0	266.5	3.40	4.51	3.16	YES	NO	
L0004563	0	0.69396E-03	464481.8	3756977.0	266.2	3.40	4.51	3.16	YES	NO	
L0004564	0	0.69396E-03	464478.0	3756968.1	266.1	3.40	4.51	3.16	YES	NO	
L0004565	0	0.69396E-03	464474.3	3756959.1	265.8	3.40	4.51	3.16	YES	NO	
L0004566	0	0.69396E-03	464470.5	3756950.2	265.5	3.40	4.51	3.16	YES	NO	
L0004567	0	0.69396E-03	464466.8	3756941.2	265.4	3.40	4.51	3.16	YES	NO	
L0004568	0	0.69396E-03	464463.0	3756932.3	265.0	3.40	4.51	3.16	YES	NO	
L0004569	0	0.69396E-03	464459.3	3756923.4	264.6	3.40	4.51	3.16	YES	NO	
L0004570	0	0.69396E-03	464455.5	3756914.4	264.2	3.40	4.51	3.16	YES	NO	
L0004571	0	0.69396E-03	464451.8	3756905.5	263.9	3.40	4.51	3.16	YES	NO	
L0004572	0	0.69396E-03	464448.0	3756896.5	263.6	3.40	4.51	3.16	YES	NO	
L0004573	0	0.69396E-03	464444.3	3756887.6	263.3	3.40	4.51	3.16	YES	NO	
L0004574	0	0.69396E-03	464440.5	3756878.6	263.0	3.40	4.51	3.16	YES	NO	
L0004575	0	0.69396E-03	464436.7	3756869.7	262.7	3.40	4.51	3.16	YES	NO	
L0004576	0	0.69396E-03	464433.0	3756860.7	262.4	3.40	4.51	3.16	YES	NO	
L0004577	0	0.69396E-03	464429.2	3756851.8	262.1	3.40	4.51	3.16	YES	NO	
L0004578	0	0.69396E-03	464425.5	3756842.8	261.9	3.40	4.51	3.16	YES	NO	
L0004579	0	0.69396E-03	464421.7	3756833.9	261.8	3.40	4.51				

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3.16     YES                    NO
 L0004580         0   0.69396E-03  464418.0 3756825.0   261.5     3.40     4.51
3.16     YES                    NO
 L0004581         0   0.69396E-03  464414.2 3756816.0   261.3     3.40     4.51
3.16     YES                    NO
 L0004582         0   0.69396E-03  464410.5 3756807.1   261.1     3.40     4.51
3.16     YES                    NO
 L0004583         0   0.69396E-03  464406.7 3756798.1   260.9     3.40     4.51
3.16     YES                    NO
 L0004584         0   0.69396E-03  464403.0 3756789.2   260.8     3.40     4.51
3.16     YES                    NO
 L0004585         0   0.69396E-03  464399.2 3756780.2   260.8     3.40     4.51
3.16     YES                    NO
 L0004586         0   0.69396E-03  464395.5 3756771.3   260.8     3.40     4.51
3.16     YES                    NO
 L0004587         0   0.69396E-03  464391.7 3756762.3   260.7     3.40     4.51
3.16     YES                    NO
 L0004588         0   0.69396E-03  464388.0 3756753.4   260.8     3.40     4.51
3.16     YES                    NO
 L0004589         0   0.69396E-03  464384.2 3756744.4   260.7     3.40     4.51
3.16     YES                    NO
 L0004590         0   0.69396E-03  464380.5 3756735.5   260.7     3.40     4.51
3.16     YES                    NO
 L0004591         0   0.69396E-03  464376.7 3756726.6   260.7     3.40     4.51
3.16     YES                    NO
 L0004592         0   0.69396E-03  464373.0 3756717.6   260.8     3.40     4.51
3.16     YES                    NO
 L0004593         0   0.69396E-03  464369.2 3756708.7   260.8     3.40     4.51
3.16     YES                    NO
 L0004594         0   0.69396E-03  464365.5 3756699.7   260.9     3.40     4.51
3.16     YES                    NO
 L0004595         0   0.69396E-03  464361.7 3756690.8   260.9     3.40     4.51
3.16     YES                    NO
 L0004596         0   0.69396E-03  464358.0 3756681.8   260.9     3.40     4.51
3.16     YES                    NO
 L0004597         0   0.69396E-03  464354.2 3756672.9   260.9     3.40     4.51
3.16     YES                    NO
 L0004598         0   0.69396E-03  464350.5 3756663.9   260.9     3.40     4.51
3.16     YES                    NO
 L0004599         0   0.69396E-03  464346.8 3756655.0   260.9     3.40     4.51
3.16     YES                    NO
 L0004600         0   0.69396E-03  464343.1 3756646.0   260.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0004601	0	0.69396E-03	464339.5	3756637.0	260.9	3.40	4.51	3.16	YES	NO	
L0004602	0	0.69396E-03	464335.8	3756628.0	260.9	3.40	4.51	3.16	YES	NO	
L0004603	0	0.69396E-03	464332.1	3756619.0	260.9	3.40	4.51	3.16	YES	NO	
L0004604	0	0.69396E-03	464328.5	3756610.1	260.9	3.40	4.51	3.16	YES	NO	
L0004605	0	0.69396E-03	464324.8	3756601.1	260.9	3.40	4.51	3.16	YES	NO	
L0004606	0	0.69396E-03	464321.1	3756592.1	260.9	3.40	4.51	3.16	YES	NO	
L0004607	0	0.69396E-03	464317.5	3756583.1	261.0	3.40	4.51	3.16	YES	NO	
L0004608	0	0.69396E-03	464313.8	3756574.1	261.0	3.40	4.51	3.16	YES	NO	
L0004609	0	0.69396E-03	464310.1	3756565.2	261.1	3.40	4.51	3.16	YES	NO	
L0004610	0	0.69396E-03	464306.5	3756556.2	261.1	3.40	4.51	3.16	YES	NO	
L0004611	0	0.69396E-03	464302.8	3756547.2	261.2	3.40	4.51	3.16	YES	NO	
L0004612	0	0.69396E-03	464299.1	3756538.2	261.3	3.40	4.51	3.16	YES	NO	
L0004613	0	0.69396E-03	464295.5	3756529.2	261.4	3.40	4.51	3.16	YES	NO	
L0004614	0	0.69396E-03	464291.8	3756520.3	261.5	3.40	4.51	3.16	YES	NO	
L0004615	0	0.69396E-03	464288.1	3756511.3	261.7	3.40	4.51	3.16	YES	NO	
L0004616	0	0.69396E-03	464284.5	3756502.3	261.9	3.40	4.51	3.16	YES	NO	
L0004617	0	0.69396E-03	464280.8	3756493.3	262.1	3.40	4.51	3.16	YES	NO	
L0004618	0	0.69396E-03	464277.2	3756484.3	262.3	3.40	4.51	3.16	YES	NO	
L0004619	0	0.69396E-03	464273.5	3756475.3	262.5	3.40	4.51				

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3.16     YES                    NO
 L0004620         0   0.69396E-03  464269.6 3756466.5   262.7     3.40     4.51
3.16     YES                    NO
 L0004621         0   0.69396E-03  464262.8 3756459.6   262.8     3.40     4.51
3.16     YES                    NO
 L0004622         0   0.69396E-03  464255.9 3756452.8   263.0     3.40     4.51
3.16     YES                    NO
 L0004623         0   0.69396E-03  464249.1 3756445.9   263.1     3.40     4.51
3.16     YES                    NO
 L0004624         0   0.69396E-03  464242.2 3756439.1   263.2     3.40     4.51
3.16     YES                    NO
 L0004625         0   0.69396E-03  464235.3 3756432.2   263.4     3.40     4.51
3.16     YES                    NO
 L0004626         0   0.69396E-03  464228.5 3756425.3   263.5     3.40     4.51
3.16     YES                    NO
 L0004627         0   0.69396E-03  464221.6 3756418.5   263.6     3.40     4.51
3.16     YES                    NO
 L0004628         0   0.69396E-03  464214.8 3756411.6   263.7     3.40     4.51
3.16     YES                    NO
 L0004629         0   0.69396E-03  464207.9 3756404.8   263.9     3.40     4.51
3.16     YES                    NO
 L0004630         0   0.69396E-03  464201.0 3756397.9   264.0     3.40     4.51
3.16     YES                    NO
 L0004631         0   0.69396E-03  464194.2 3756391.0   264.1     3.40     4.51
3.16     YES                    NO
 L0004632         0   0.69396E-03  464187.3 3756384.2   264.2     3.40     4.51
3.16     YES                    NO
 L0004633         0   0.69396E-03  464180.5 3756377.3   264.4     3.40     4.51
3.16     YES                    NO
 L0004634         0   0.69396E-03  464173.6 3756370.5   264.6     3.40     4.51
3.16     YES                    NO
 L0004635         0   0.69396E-03  464166.7 3756363.6   264.7     3.40     4.51
3.16     YES                    NO
 L0004636         0   0.69396E-03  464159.9 3756356.8   265.0     3.40     4.51
3.16     YES                    NO
 L0004637         0   0.69396E-03  464153.0 3756349.9   265.1     3.40     4.51
3.16     YES                    NO
 L0004638         0   0.69396E-03  464146.2 3756343.0   265.2     3.40     4.51
3.16     YES                    NO
 L0004639         0   0.69396E-03  464139.3 3756336.2   265.5     3.40     4.51
3.16     YES                    NO
 L0004640         0   0.69396E-03  464132.5 3756329.3   266.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0004641	0	0.69396E-03	464125.6	3756322.5	266.2	3.40	4.51	3.16	YES	NO
L0004642	0	0.69396E-03	464118.7	3756315.6	265.9	3.40	4.51	3.16	YES	NO
L0004643	0	0.69396E-03	464111.9	3756308.7	266.1	3.40	4.51	3.16	YES	NO
L0004644	0	0.69396E-03	464105.0	3756301.9	266.6	3.40	4.51	3.16	YES	NO
L0004645	0	0.69396E-03	464098.2	3756295.0	266.9	3.40	4.51	3.16	YES	NO
L0004646	0	0.69396E-03	464091.3	3756288.2	265.6	3.40	4.51	3.16	YES	NO
L0004647	0	0.69396E-03	464084.4	3756281.3	264.7	3.40	4.51	3.16	YES	NO
L0004648	0	0.69396E-03	464077.6	3756274.4	264.0	3.40	4.51	3.16	YES	NO
L0004649	0	0.69396E-03	464070.7	3756267.6	263.4	3.40	4.51	3.16	YES	NO
L0004650	0	0.69396E-03	464063.9	3756260.7	263.5	3.40	4.51	3.16	YES	NO
L0004651	0	0.69396E-03	464057.0	3756253.9	264.2	3.40	4.51	3.16	YES	NO
L0004652	0	0.69396E-03	464050.1	3756247.0	265.1	3.40	4.51	3.16	YES	NO
L0004653	0	0.69396E-03	464043.3	3756240.1	266.1	3.40	4.51	3.16	YES	NO
L0004654	0	0.69396E-03	464036.1	3756233.7	266.9	3.40	4.51	3.16	YES	NO
L0004655	0	0.69396E-03	464028.7	3756227.3	267.0	3.40	4.51	3.16	YES	NO
L0004656	0	0.69396E-03	464021.4	3756221.0	266.9	3.40	4.51	3.16	YES	NO
L0004657	0	0.69396E-03	464014.1	3756214.6	266.8	3.40	4.51	3.16	YES	NO
L0004658	0	0.69396E-03	464006.7	3756208.3	267.0	3.40	4.51	3.16	YES	NO
L0004659	0	0.69396E-03	463999.4	3756202.0	267.3	3.40	4.51			

3.16   YES   NO
 L0004660   0   0.69396E-03 463992.0 3756195.6   266.7   3.40   4.51
3.16   YES   NO
 L0004661   0   0.69396E-03 463984.7 3756189.3   266.4   3.40   4.51
3.16   YES   NO
 L0004662   0   0.69396E-03 463977.4 3756182.9   266.3   3.40   4.51
3.16   YES   NO
 L0004663   0   0.69396E-03 463970.0 3756176.6   266.4   3.40   4.51
3.16   YES   NO
 L0004664   0   0.69396E-03 463962.7 3756170.2   266.2   3.40   4.51
3.16   YES   NO
 L0004665   0   0.69396E-03 463955.3 3756163.9   265.9   3.40   4.51
3.16   YES   NO
 L0004666   0   0.69396E-03 463948.0 3756157.6   265.7   3.40   4.51
3.16   YES   NO
 L0004667   0   0.69396E-03 463940.7 3756151.2   265.4   3.40   4.51
3.16   YES   NO
 L0004668   0   0.69396E-03 463933.3 3756144.9   265.4   3.40   4.51
3.16   YES   NO
 L0004669   0   0.69396E-03 463926.0 3756138.5   265.3   3.40   4.51
3.16   YES   NO
 L0004670   0   0.69396E-03 463918.6 3756132.2   265.0   3.40   4.51
3.16   YES   NO
 L0004671   0   0.69396E-03 463911.3 3756125.9   264.8   3.40   4.51
3.16   YES   NO
 L0004672   0   0.69396E-03 463904.0 3756119.5   264.7   3.40   4.51
3.16   YES   NO
 L0004673   0   0.69396E-03 463896.6 3756113.2   264.6   3.40   4.51
3.16   YES   NO
 L0004674   0   0.69396E-03 463889.3 3756106.8   264.5   3.40   4.51
3.16   YES   NO
 L0004675   0   0.69396E-03 463881.9 3756100.5   264.3   3.40   4.51
3.16   YES   NO
 L0004676   0   0.69396E-03 463874.6 3756094.1   264.2   3.40   4.51
3.16   YES   NO
 L0004677   0   0.69396E-03 463867.3 3756087.8   264.2   3.40   4.51
3.16   YES   NO
 L0004678   0   0.69396E-03 463859.9 3756081.5   264.1   3.40   4.51
3.16   YES   NO
 L0004679   0   0.69396E-03 463852.6 3756075.1   264.1   3.40   4.51
3.16   YES   NO
 L0004680   0   0.69396E-03 463845.2 3756068.8   264.0   3.40   4.51
3.16   YES   NO

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0004681	0	0.69396E-03	463837.9	3756062.4	264.0	3.40	4.51	3.16	YES	NO	
L0004682	0	0.69396E-03	463830.6	3756056.1	264.0	3.40	4.51	3.16	YES	NO	
L0004683	0	0.69396E-03	463823.2	3756049.8	264.1	3.40	4.51	3.16	YES	NO	
L0004684	0	0.69396E-03	463815.9	3756043.4	264.1	3.40	4.51	3.16	YES	NO	
L0004685	0	0.69396E-03	463808.5	3756037.1	264.1	3.40	4.51	3.16	YES	NO	
L0004686	0	0.69396E-03	463801.2	3756030.7	264.2	3.40	4.51	3.16	YES	NO	
L0004687	0	0.69396E-03	463793.9	3756024.4	264.3	3.40	4.51	3.16	YES	NO	
L0004688	0	0.69396E-03	463786.5	3756018.0	264.4	3.40	4.51	3.16	YES	NO	
L0004689	0	0.69396E-03	463779.2	3756011.7	264.5	3.40	4.51	3.16	YES	NO	
L0004690	0	0.69396E-03	463771.9	3756005.4	264.7	3.40	4.51	3.16	YES	NO	
L0004691	0	0.69396E-03	463764.5	3755999.0	264.8	3.40	4.51	3.16	YES	NO	
L0004692	0	0.69396E-03	463757.2	3755992.7	265.0	3.40	4.51	3.16	YES	NO	
L0004693	0	0.69396E-03	463749.8	3755986.3	265.3	3.40	4.51	3.16	YES	NO	
L0004694	0	0.69396E-03	463742.5	3755980.0	265.4	3.40	4.51	3.16	YES	NO	
L0004695	0	0.69396E-03	463735.2	3755973.6	265.6	3.40	4.51	3.16	YES	NO	
L0004696	0	0.69396E-03	463727.8	3755967.3	265.8	3.40	4.51	3.16	YES	NO	
L0004697	0	0.69396E-03	463720.5	3755961.0	266.2	3.40	4.51	3.16	YES	NO	
L0004698	0	0.69396E-03	463713.1	3755954.6	266.4	3.40	4.51	3.16	YES	NO	
L0004699	0	0.69396E-03	463705.8	3755948.3	266.4	3.40	4.51				

3.16   YES   NO
 L0004700   0   0.69396E-03 463698.5 3755941.9   266.7   3.40   4.51
3.16   YES   NO
 L0004701   0   0.69396E-03 463691.1 3755935.6   267.2   3.40   4.51
3.16   YES   NO
 L0004702   0   0.69396E-03 463683.8 3755929.3   267.5   3.40   4.51
3.16   YES   NO
 L0004703   0   0.69396E-03 463676.4 3755922.9   267.6   3.40   4.51
3.16   YES   NO
 L0004704   0   0.69396E-03 463669.1 3755916.6   267.8   3.40   4.51
3.16   YES   NO
 L0004705   0   0.69396E-03 463661.8 3755910.2   267.9   3.40   4.51
3.16   YES   NO
 L0004706   0   0.69396E-03 463654.4 3755903.9   268.2   3.40   4.51
3.16   YES   NO
 L0004707   0   0.69396E-03 463647.1 3755897.5   268.7   3.40   4.51
3.16   YES   NO
 L0004708   0   0.69396E-03 463639.7 3755891.2   268.8   3.40   4.51
3.16   YES   NO
 L0004709   0   0.69396E-03 463632.4 3755884.9   268.5   3.40   4.51
3.16   YES   NO
 L0004710   0   0.69396E-03 463625.0 3755878.5   268.6   3.40   4.51
3.16   YES   NO
 L0004711   0   0.69396E-03 463617.6 3755872.3   269.0   3.40   4.51
3.16   YES   NO
 L0004712   0   0.69396E-03 463610.3 3755866.0   269.2   3.40   4.51
3.16   YES   NO
 L0004713   0   0.69396E-03 463602.9 3755859.7   267.9   3.40   4.51
3.16   YES   NO
 L0004714   0   0.69396E-03 463595.5 3755853.4   266.9   3.40   4.51
3.16   YES   NO
 L0004715   0   0.69396E-03 463588.1 3755847.1   266.1   3.40   4.51
3.16   YES   NO
 L0004716   0   0.69396E-03 463580.7 3755840.9   266.4   3.40   4.51
3.16   YES   NO
 L0004717   0   0.69396E-03 463573.3 3755834.6   267.3   3.40   4.51
3.16   YES   NO
 L0004718   0   0.69396E-03 463565.9 3755828.3   268.2   3.40   4.51
3.16   YES   NO
 L0004719   0   0.69396E-03 463558.5 3755822.0   268.7   3.40   4.51
3.16   YES   NO
 L0004720   0   0.69396E-03 463551.1 3755815.7   268.9   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0004721	0	0.69396E-03	463543.7	3755809.5	269.2	3.40	4.51	3.16	YES	NO
L0004722	0	0.69396E-03	463536.3	3755803.2	269.7	3.40	4.51	3.16	YES	NO
L0004723	0	0.69396E-03	463528.9	3755796.9	269.1	3.40	4.51	3.16	YES	NO
L0004724	0	0.69396E-03	463521.5	3755790.6	268.8	3.40	4.51	3.16	YES	NO
L0004725	0	0.69396E-03	463514.1	3755784.3	268.9	3.40	4.51	3.16	YES	NO
L0004726	0	0.69396E-03	463506.8	3755778.1	268.9	3.40	4.51	3.16	YES	NO
L0004727	0	0.69396E-03	463499.4	3755771.8	268.8	3.40	4.51	3.16	YES	NO
L0004728	0	0.69396E-03	463492.0	3755765.5	268.4	3.40	4.51	3.16	YES	NO
L0004729	0	0.69396E-03	463484.6	3755759.2	268.3	3.40	4.51	3.16	YES	NO
L0004730	0	0.69396E-03	463477.2	3755752.9	268.0	3.40	4.51	3.16	YES	NO
L0004731	0	0.69396E-03	463469.8	3755746.7	267.9	3.40	4.51	3.16	YES	NO
L0004732	0	0.69396E-03	463462.4	3755740.4	267.8	3.40	4.51	3.16	YES	NO
L0004733	0	0.69396E-03	463455.0	3755734.1	267.5	3.40	4.51	3.16	YES	NO
L0004734	0	0.69396E-03	463447.6	3755727.8	267.1	3.40	4.51	3.16	YES	NO
L0004735	0	0.69396E-03	463440.2	3755721.5	267.0	3.40	4.51	3.16	YES	NO
L0004736	0	0.69396E-03	463432.8	3755715.3	267.0	3.40	4.51	3.16	YES	NO
L0004737	0	0.69396E-03	463425.4	3755709.0	266.8	3.40	4.51	3.16	YES	NO
L0004738	0	0.69396E-03	463418.0	3755702.7	266.6	3.40	4.51	3.16	YES	NO
L0004739	0	0.69396E-03	463410.6	3755696.4	266.4	3.40	4.51			

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3.16     YES                    NO
 L0004740         0   0.69396E-03  463403.3 3755690.1   266.3     3.40     4.51
3.16     YES                    NO
 L0004741         0   0.69396E-03  463395.9 3755683.9   266.3     3.40     4.51
3.16     YES                    NO
 L0004742         0   0.69396E-03  463388.5 3755677.6   266.2     3.40     4.51
3.16     YES                    NO
 L0004743         0   0.69396E-03  463381.1 3755671.3   266.1     3.40     4.51
3.16     YES                    NO
 L0004744         0   0.69396E-03  463373.7 3755665.0   266.0     3.40     4.51
3.16     YES                    NO
 L0004745         0   0.69396E-03  463366.3 3755658.7   265.9     3.40     4.51
3.16     YES                    NO
 L0004746         0   0.69396E-03  463358.9 3755652.5   265.9     3.40     4.51
3.16     YES                    NO
 L0004747         0   0.69396E-03  463351.5 3755646.2   265.8     3.40     4.51
3.16     YES                    NO
 L0004748         0   0.69396E-03  463344.1 3755639.9   265.8     3.40     4.51
3.16     YES                    NO
 L0004749         0   0.69396E-03  463336.7 3755633.6   265.7     3.40     4.51
3.16     YES                    NO
 L0004750         0   0.69396E-03  463329.3 3755627.3   265.7     3.40     4.51
3.16     YES                    NO
 L0004751         0   0.69396E-03  463321.9 3755621.1   265.7     3.40     4.51
3.16     YES                    NO
 L0004752         0   0.69396E-03  463314.5 3755614.8   265.6     3.40     4.51
3.16     YES                    NO
 L0004753         0   0.69396E-03  463307.1 3755608.5   265.6     3.40     4.51
3.16     YES                    NO
 L0004754         0   0.69396E-03  463299.8 3755602.2   265.5     3.40     4.51
3.16     YES                    NO
 L0004755         0   0.69396E-03  463292.4 3755595.9   265.5     3.40     4.51
3.16     YES                    NO
 L0004756         0   0.69396E-03  463285.0 3755589.7   265.5     3.40     4.51
3.16     YES                    NO
 L0004757         0   0.69396E-03  463277.6 3755583.4   265.4     3.40     4.51
3.16     YES                    NO
 L0004758         0   0.69396E-03  463270.2 3755577.1   265.3     3.40     4.51
3.16     YES                    NO
 L0004759         0   0.69396E-03  463262.8 3755570.8   265.2     3.40     4.51
3.16     YES                    NO
 L0004760         0   0.69396E-03  463255.4 3755564.6   265.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0004761	0	0.69396E-03	463247.3	3755559.2	265.2	3.40	4.51	3.16	YES	NO	
L0004762	0	0.69396E-03	463239.3	3755553.8	265.1	3.40	4.51	3.16	YES	NO	
L0004763	0	0.69396E-03	463231.2	3755548.4	265.1	3.40	4.51	3.16	YES	NO	
L0004764	0	0.69396E-03	463223.1	3755543.0	265.0	3.40	4.51	3.16	YES	NO	
L0004765	0	0.69396E-03	463215.1	3755537.6	264.9	3.40	4.51	3.16	YES	NO	
L0004766	0	0.69396E-03	463207.0	3755532.2	264.9	3.40	4.51	3.16	YES	NO	
L0004767	0	0.69396E-03	463199.0	3755526.8	264.9	3.40	4.51	3.16	YES	NO	
L0004768	0	0.69396E-03	463190.9	3755521.4	264.7	3.40	4.51	3.16	YES	NO	
L0004769	0	0.69396E-03	463182.8	3755516.0	264.7	3.40	4.51	3.16	YES	NO	
L0004770	0	0.69396E-03	463174.8	3755510.6	264.6	3.40	4.51	3.16	YES	NO	
L0004771	0	0.69396E-03	463166.7	3755505.2	264.6	3.40	4.51	3.16	YES	NO	
L0004772	0	0.69396E-03	463158.6	3755499.8	264.6	3.40	4.51	3.16	YES	NO	
L0004773	0	0.69396E-03	463150.6	3755494.4	264.6	3.40	4.51	3.16	YES	NO	
L0004774	0	0.69396E-03	463142.5	3755489.0	264.4	3.40	4.51	3.16	YES	NO	
L0004775	0	0.69396E-03	463134.5	3755483.7	264.3	3.40	4.51	3.16	YES	NO	
L0004776	0	0.69396E-03	463126.4	3755478.3	264.3	3.40	4.51	3.16	YES	NO	
L0004777	0	0.69396E-03	463118.3	3755472.9	264.3	3.40	4.51	3.16	YES	NO	
L0004778	0	0.69396E-03	463110.3	3755467.5	264.3	3.40	4.51	3.16	YES	NO	
L0004779	0	0.69396E-03	463102.2	3755462.1	264.2	3.40	4.51				

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3.16     YES                    NO
 L0004780         0   0.69396E-03  463094.1 3755456.7   264.1     3.40     4.51
3.16     YES                    NO
 L0004781         0   0.69396E-03  463086.1 3755451.3   264.1     3.40     4.51
3.16     YES                    NO
 L0004782         0   0.69396E-03  463078.0 3755445.9   264.1     3.40     4.51
3.16     YES                    NO
 L0004783         0   0.69396E-03  463070.0 3755440.5   264.1     3.40     4.51
3.16     YES                    NO
 L0004784         0   0.69396E-03  463061.9 3755435.1   264.1     3.40     4.51
3.16     YES                    NO
 L0004785         0   0.69396E-03  463053.8 3755429.7   264.0     3.40     4.51
3.16     YES                    NO
 L0004786         0   0.69396E-03  463045.8 3755424.3   263.9     3.40     4.51
3.16     YES                    NO
 L0004787         0   0.69396E-03  463037.7 3755418.9   263.8     3.40     4.51
3.16     YES                    NO
 L0004788         0   0.69396E-03  463029.6 3755413.5   263.8     3.40     4.51
3.16     YES                    NO
 L0004789         0   0.69396E-03  463021.6 3755408.2   263.9     3.40     4.51
3.16     YES                    NO
 L0004790         0   0.69396E-03  463013.5 3755402.8   263.8     3.40     4.51
3.16     YES                    NO
 L0004791         0   0.69396E-03  463005.5 3755397.4   263.7     3.40     4.51
3.16     YES                    NO
 L0004792         0   0.69396E-03  462997.4 3755392.0   263.6     3.40     4.51
3.16     YES                    NO
 L0004793         0   0.69396E-03  462989.3 3755386.6   263.6     3.40     4.51
3.16     YES                    NO
 L0004794         0   0.69396E-03  462981.3 3755381.2   263.6     3.40     4.51
3.16     YES                    NO
 L0004795         0   0.69396E-03  462973.2 3755375.8   263.7     3.40     4.51
3.16     YES                    NO
 L0004796         0   0.69396E-03  462965.1 3755370.4   263.6     3.40     4.51
3.16     YES                    NO
 L0004797         0   0.69396E-03  462957.1 3755365.0   263.5     3.40     4.51
3.16     YES                    NO
 L0004798         0   0.69396E-03  462949.0 3755359.6   263.4     3.40     4.51
3.16     YES                    NO
 L0004799         0   0.69396E-03  462941.0 3755354.2   263.4     3.40     4.51
3.16     YES                    NO
 L0004800         0   0.69396E-03  462932.9 3755348.8   263.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:18:50

                                   PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0004801	0	0.69396E-03	462924.8	3755343.4	263.5	3.40	4.51	3.16	YES	NO
L0004802	0	0.69396E-03	462916.8	3755338.0	263.5	3.40	4.51	3.16	YES	NO
L0004803	0	0.69396E-03	462908.7	3755332.7	263.4	3.40	4.51	3.16	YES	NO
L0004804	0	0.69396E-03	462900.6	3755327.3	263.4	3.40	4.51	3.16	YES	NO
L0004805	0	0.69396E-03	462892.6	3755321.9	263.3	3.40	4.51	3.16	YES	NO
L0004806	0	0.69396E-03	462884.5	3755316.5	263.3	3.40	4.51	3.16	YES	NO
L0004807	0	0.69396E-03	462876.5	3755311.1	263.2	3.40	4.51	3.16	YES	NO
L0004808	0	0.69396E-03	462868.4	3755305.7	263.2	3.40	4.51	3.16	YES	NO
L0004809	0	0.69396E-03	462860.3	3755300.3	263.1	3.40	4.51	3.16	YES	NO
L0004810	0	0.69396E-03	462852.3	3755294.9	263.0	3.40	4.51	3.16	YES	NO
L0004811	0	0.69396E-03	462844.2	3755289.5	263.0	3.40	4.51	3.16	YES	NO
L0004812	0	0.69396E-03	462836.1	3755284.1	263.0	3.40	4.51	3.16	YES	NO
L0004813	0	0.69396E-03	462828.1	3755278.7	263.0	3.40	4.51	3.16	YES	NO
L0004814	0	0.69396E-03	462820.0	3755273.3	262.9	3.40	4.51	3.16	YES	NO
L0004815	0	0.69396E-03	462812.0	3755267.9	262.9	3.40	4.51	3.16	YES	NO
L0004816	0	0.69396E-03	462803.9	3755262.5	262.9	3.40	4.51	3.16	YES	NO
L0004817	0	0.69396E-03	462795.8	3755257.2	262.9	3.40	4.51	3.16	YES	NO
L0004818	0	0.69396E-03	462787.8	3755251.8	263.0	3.40	4.51	3.16	YES	NO
L0004819	0	0.69396E-03	462779.7	3755246.4	263.0	3.40	4.51			

3.16   YES   NO
 L0004820   0   0.69396E-03 462771.6 3755241.0   263.0   3.40   4.51
3.16   YES   NO
 L0004821   0   0.69396E-03 462763.6 3755235.6   263.1   3.40   4.51
3.16   YES   NO
 L0004822   0   0.69396E-03 462755.5 3755230.2   263.2   3.40   4.51
3.16   YES   NO
 L0004823   0   0.69396E-03 462747.5 3755224.8   263.3   3.40   4.51
3.16   YES   NO
 L0004824   0   0.69396E-03 462739.4 3755219.4   263.5   3.40   4.51
3.16   YES   NO
 L0004825   0   0.69396E-03 462731.3 3755214.0   263.5   3.40   4.51
3.16   YES   NO
 L0004826   0   0.69396E-03 462723.3 3755208.6   263.6   3.40   4.51
3.16   YES   NO
 L0004827   0   0.69396E-03 462715.2 3755203.2   263.8   3.40   4.51
3.16   YES   NO
 L0004828   0   0.69396E-03 462707.1 3755197.8   263.9   3.40   4.51
3.16   YES   NO
 L0004829   0   0.69396E-03 462699.1 3755192.4   264.2   3.40   4.51
3.16   YES   NO
 L0004830   0   0.69396E-03 462691.0 3755187.0   264.2   3.40   4.51
3.16   YES   NO
 L0004831   0   0.69396E-03 462682.9 3755181.7   264.2   3.40   4.51
3.16   YES   NO
 L0004832   0   0.69396E-03 462674.9 3755176.3   264.3   3.40   4.51
3.16   YES   NO
 L0004833   0   0.69396E-03 462666.8 3755170.9   264.5   3.40   4.51
3.16   YES   NO
 L0004834   0   0.69396E-03 462658.8 3755165.5   264.7   3.40   4.51
3.16   YES   NO
 L0004835   0   0.69396E-03 462650.7 3755160.1   264.8   3.40   4.51
3.16   YES   NO
 L0004836   0   0.69396E-03 462642.6 3755154.7   264.6   3.40   4.51
3.16   YES   NO
 L0004837   0   0.69396E-03 462634.6 3755149.3   264.5   3.40   4.51
3.16   YES   NO
 L0004838   0   0.69396E-03 462626.5 3755143.9   264.4   3.40   4.51
3.16   YES   NO
 L0004839   0   0.69396E-03 462618.4 3755138.5   264.5   3.40   4.51
3.16   YES   NO
 L0004840   0   0.69396E-03 462610.4 3755133.1   264.8   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0004841	0	0.69396E-03	462602.3	3755127.7	263.8	3.40	4.51	3.16	YES	NO
L0004842	0	0.69396E-03	462594.3	3755122.3	262.3	3.40	4.51	3.16	YES	NO
L0004843	0	0.69396E-03	462586.2	3755116.9	261.1	3.40	4.51	3.16	YES	NO
L0004844	0	0.69396E-03	462578.1	3755111.5	261.0	3.40	4.51	3.16	YES	NO
L0004845	0	0.69396E-03	462570.1	3755106.2	261.6	3.40	4.51	3.16	YES	NO
L0004846	0	0.69396E-03	462562.0	3755100.8	262.7	3.40	4.51	3.16	YES	NO
L0004847	0	0.69396E-03	462553.9	3755095.4	263.2	3.40	4.51	3.16	YES	NO
L0004848	0	0.69396E-03	462545.9	3755090.0	263.2	3.40	4.51	3.16	YES	NO
L0004849	0	0.69396E-03	462537.8	3755084.6	263.4	3.40	4.51	3.16	YES	NO
L0004850	0	0.69396E-03	462529.8	3755079.2	263.7	3.40	4.51	3.16	YES	NO
L0004851	0	0.69396E-03	462521.7	3755073.8	263.7	3.40	4.51	3.16	YES	NO
L0004852	0	0.69396E-03	462513.6	3755068.4	263.8	3.40	4.51	3.16	YES	NO
L0004853	0	0.69396E-03	462505.6	3755063.0	263.4	3.40	4.51	3.16	YES	NO
L0004854	0	0.69396E-03	462497.5	3755057.6	262.9	3.40	4.51	3.16	YES	NO
L0004855	0	0.69396E-03	462489.4	3755052.2	262.7	3.40	4.51	3.16	YES	NO
L0004856	0	0.69396E-03	462481.4	3755046.8	262.8	3.40	4.51	3.16	YES	NO
L0004857	0	0.69396E-03	462473.3	3755041.4	262.7	3.40	4.51	3.16	YES	NO
L0004858	0	0.69396E-03	462465.3	3755036.0	262.5	3.40	4.51	3.16	YES	NO
L0004859	0	0.69396E-03	462457.2	3755030.7	262.1	3.40	4.51			

3.16   YES   NO
 L0004860   0   0.69396E-03 462449.1 3755025.3   261.6   3.40   4.51
3.16   YES   NO
 L0004861   0   0.69396E-03 462441.1 3755019.9   261.3   3.40   4.51
3.16   YES   NO
 L0004862   0   0.69396E-03 462433.0 3755014.5   261.2   3.40   4.51
3.16   YES   NO
 L0004863   0   0.69396E-03 462424.9 3755009.1   261.1   3.40   4.51
3.16   YES   NO
 L0004864   0   0.69396E-03 462416.9 3755003.7   260.7   3.40   4.51
3.16   YES   NO
 L0004865   0   0.69396E-03 462408.8 3754998.3   260.3   3.40   4.51
3.16   YES   NO
 L0004866   0   0.69396E-03 462400.8 3754992.9   260.0   3.40   4.51
3.16   YES   NO
 L0004867   0   0.69396E-03 462392.7 3754987.5   259.8   3.40   4.51
3.16   YES   NO
 L0004868   0   0.69396E-03 462384.6 3754982.1   259.8   3.40   4.51
3.16   YES   NO
 L0004869   0   0.69396E-03 462376.6 3754976.7   259.7   3.40   4.51
3.16   YES   NO
 L0004870   0   0.69396E-03 462368.5 3754971.3   259.4   3.40   4.51
3.16   YES   NO
 L0004871   0   0.69396E-03 462360.4 3754965.9   259.2   3.40   4.51
3.16   YES   NO
 L0004872   0   0.69396E-03 462352.4 3754960.5   259.0   3.40   4.51
3.16   YES   NO
 L0004873   0   0.69396E-03 462344.3 3754955.2   258.9   3.40   4.51
3.16   YES   NO
 L0004874   0   0.69396E-03 462336.3 3754949.8   258.9   3.40   4.51
3.16   YES   NO
 L0004875   0   0.69396E-03 462328.2 3754944.4   258.9   3.40   4.51
3.16   YES   NO
 L0004876   0   0.69396E-03 462320.1 3754939.0   258.7   3.40   4.51
3.16   YES   NO
 L0004877   0   0.69396E-03 462312.1 3754933.6   258.6   3.40   4.51
3.16   YES   NO
 L0004878   0   0.69396E-03 462304.0 3754928.2   258.5   3.40   4.51
3.16   YES   NO
 L0004879   0   0.69396E-03 462295.9 3754922.8   258.5   3.40   4.51
3.16   YES   NO
 L0004880   0   0.69396E-03 462287.9 3754917.4   258.4   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0004881	0	0.69396E-03	462279.8	3754912.0	258.4	3.40	4.51	3.16	YES	NO
L0004882	0	0.69396E-03	462271.8	3754906.6	258.3	3.40	4.51	3.16	YES	NO
L0004883	0	0.69396E-03	462263.7	3754901.2	258.2	3.40	4.51	3.16	YES	NO
L0004884	0	0.69396E-03	462255.6	3754895.8	258.2	3.40	4.51	3.16	YES	NO
L0004885	0	0.69396E-03	462247.6	3754890.4	258.2	3.40	4.51	3.16	YES	NO
L0004886	0	0.69396E-03	462239.5	3754885.0	258.1	3.40	4.51	3.16	YES	NO
L0004887	0	0.69396E-03	462231.4	3754879.7	258.0	3.40	4.51	3.16	YES	NO
L0004888	0	0.69396E-03	462223.4	3754874.3	258.0	3.40	4.51	3.16	YES	NO
L0004889	0	0.69396E-03	462215.3	3754868.9	257.9	3.40	4.51	3.16	YES	NO
L0004890	0	0.69396E-03	462207.2	3754863.5	257.9	3.40	4.51	3.16	YES	NO
L0004891	0	0.69396E-03	462199.2	3754858.1	257.9	3.40	4.51	3.16	YES	NO
L0004892	0	0.69396E-03	462191.1	3754852.7	257.8	3.40	4.51	3.16	YES	NO
L0004893	0	0.69396E-03	462183.1	3754847.3	257.8	3.40	4.51	3.16	YES	NO
L0004894	0	0.69396E-03	462175.0	3754841.9	257.7	3.40	4.51	3.16	YES	NO
L0004895	0	0.69396E-03	462166.9	3754836.5	257.6	3.40	4.51	3.16	YES	NO
L0004896	0	0.69396E-03	462158.9	3754831.1	257.6	3.40	4.51	3.16	YES	NO
L0004897	0	0.69396E-03	462150.8	3754825.7	257.6	3.40	4.51	3.16	YES	NO
L0004898	0	0.69396E-03	462142.7	3754820.3	257.6	3.40	4.51	3.16	YES	NO
L0004899	0	0.69396E-03	462134.7	3754814.9	257.5	3.40	4.51			

3.16   YES   NO
 L0004900   0   0.69396E-03 462126.6 3754809.6   257.4   3.40   4.51
3.16   YES   NO
 L0004901   0   0.69396E-03 462118.6 3754804.2   257.4   3.40   4.51
3.16   YES   NO
 L0004902   0   0.69396E-03 462110.5 3754798.8   257.4   3.40   4.51
3.16   YES   NO
 L0004903   0   0.69396E-03 462102.4 3754793.4   257.4   3.40   4.51
3.16   YES   NO
 L0004904   0   0.69396E-03 462094.4 3754788.0   257.3   3.40   4.51
3.16   YES   NO
 L0004905   0   0.69396E-03 462086.3 3754782.6   257.3   3.40   4.51
3.16   YES   NO
 L0004906   0   0.69396E-03 462078.2 3754777.2   257.3   3.40   4.51
3.16   YES   NO
 L0004907   0   0.69396E-03 462070.2 3754771.8   257.4   3.40   4.51
3.16   YES   NO
 L0004908   0   0.69396E-03 462062.1 3754766.4   257.4   3.40   4.51
3.16   YES   NO
 L0004909   0   0.69396E-03 462054.1 3754761.0   257.5   3.40   4.51
3.16   YES   NO
 L0004910   0   0.69396E-03 462046.0 3754755.6   257.5   3.40   4.51
3.16   YES   NO
 L0004911   0   0.69396E-03 462037.9 3754750.2   257.5   3.40   4.51
3.16   YES   NO
 L0004912   0   0.69396E-03 462029.9 3754744.8   257.7   3.40   4.51
3.16   YES   NO
 L0004913   0   0.69396E-03 462021.8 3754739.4   257.9   3.40   4.51
3.16   YES   NO
 L0004914   0   0.69396E-03 462013.7 3754734.1   258.2   3.40   4.51
3.16   YES   NO
 L0004915   0   0.69396E-03 462005.7 3754728.7   258.2   3.40   4.51
3.16   YES   NO
 L0004916   0   0.69396E-03 461997.6 3754723.3   258.2   3.40   4.51
3.16   YES   NO
 L0004917   0   0.69396E-03 461989.6 3754717.9   258.4   3.40   4.51
3.16   YES   NO
 L0004918   0   0.69396E-03 461981.5 3754712.5   258.6   3.40   4.51
3.16   YES   NO
 L0004919   0   0.69396E-03 461973.4 3754707.1   259.0   3.40   4.51
3.16   YES   NO
 L0004920   0   0.69396E-03 461965.4 3754701.7   259.6   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE VARY BY
L0004921	0	0.69396E-03		461957.3	3754696.3	259.2	3.40	4.51	3.16	YES	NO
L0004922	0	0.69396E-03		461949.2	3754690.9	259.1	3.40	4.51	3.16	YES	NO
L0004923	0	0.69396E-03		461941.2	3754685.5	259.4	3.40	4.51	3.16	YES	NO
L0004924	0	0.69396E-03		461933.1	3754680.1	259.6	3.40	4.51	3.16	YES	NO
L0004925	0	0.69396E-03		461925.1	3754674.7	259.8	3.40	4.51	3.16	YES	NO
L0004926	0	0.69396E-03		461917.0	3754669.3	259.9	3.40	4.51	3.16	YES	NO
L0004927	0	0.69396E-03		461908.9	3754663.9	258.8	3.40	4.51	3.16	YES	NO
L0004928	0	0.69396E-03		461900.9	3754658.6	257.6	3.40	4.51	3.16	YES	NO
L0004929	0	0.69396E-03		461892.8	3754653.2	256.6	3.40	4.51	3.16	YES	NO
L0004930	0	0.69396E-03		461884.7	3754647.8	256.5	3.40	4.51	3.16	YES	NO
L0004931	0	0.69396E-03		461876.7	3754642.4	257.4	3.40	4.51	3.16	YES	NO
L0004932	0	0.69396E-03		461868.6	3754637.0	258.6	3.40	4.51	3.16	YES	NO
L0004933	0	0.69396E-03		461860.6	3754631.6	259.4	3.40	4.51	3.16	YES	NO
L0004934	0	0.69396E-03		461852.5	3754626.2	259.6	3.40	4.51	3.16	YES	NO
L0004935	0	0.69396E-03		461844.4	3754620.8	259.9	3.40	4.51	3.16	YES	NO
L0004936	0	0.69396E-03		461836.4	3754615.4	260.4	3.40	4.51	3.16	YES	NO
L0004937	0	0.69396E-03		461828.3	3754610.0	260.5	3.40	4.51	3.16	YES	NO
L0004938	0	0.69396E-03		461820.2	3754604.6	260.0	3.40	4.51	3.16	YES	NO
L0004939	0	0.69396E-03		461812.2	3754599.2	259.8	3.40	4.51			

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3.16     YES                    NO
 L0004940         0   0.69396E-03  461804.1 3754593.8   259.5     3.40     4.51
3.16     YES                    NO
 L0004941         0   0.69396E-03  461796.0 3754588.4   259.5     3.40     4.51
3.16     YES                    NO
 L0004942         0   0.69396E-03  461788.0 3754583.1   259.8     3.40     4.51
3.16     YES                    NO
 L0004943         0   0.69396E-03  461779.9 3754577.7   259.6     3.40     4.51
3.16     YES                    NO
 L0004944         0   0.69396E-03  461771.9 3754572.3   258.9     3.40     4.51
3.16     YES                    NO
 L0004945         0   0.69396E-03  461763.8 3754566.9   258.7     3.40     4.51
3.16     YES                    NO
 L0004946         0   0.69396E-03  461755.7 3754561.5   258.5     3.40     4.51
3.16     YES                    NO
 L0004947         0   0.69396E-03  461747.7 3754556.1   258.5     3.40     4.51
3.16     YES                    NO
 L0004948         0   0.69396E-03  461739.6 3754550.7   258.7     3.40     4.51
3.16     YES                    NO
 L0004949         0   0.69396E-03  461731.5 3754545.3   258.4     3.40     4.51
3.16     YES                    NO
 L0004950         0   0.69396E-03  461723.5 3754539.9   257.8     3.40     4.51
3.16     YES                    NO
 L0004951         0   0.69396E-03  461715.4 3754534.5   257.5     3.40     4.51
3.16     YES                    NO
 L0004952         0   0.69396E-03  461707.4 3754529.1   257.6     3.40     4.51
3.16     YES                    NO
 L0004953         0   0.69396E-03  461699.3 3754523.7   257.6     3.40     4.51
3.16     YES                    NO
 L0004954         0   0.69396E-03  461691.2 3754518.3   257.7     3.40     4.51
3.16     YES                    NO
 L0004955         0   0.69396E-03  461683.2 3754512.9   257.3     3.40     4.51
3.16     YES                    NO
 L0004956         0   0.69396E-03  461675.1 3754507.6   256.8     3.40     4.51
3.16     YES                    NO
 L0004957         0   0.69396E-03  461667.0 3754502.2   256.6     3.40     4.51
3.16     YES                    NO
 L0004958         0   0.69396E-03  461659.0 3754496.8   256.7     3.40     4.51
3.16     YES                    NO
 L0004959         0   0.69396E-03  461650.9 3754491.4   256.8     3.40     4.51
3.16     YES                    NO
 L0004960         0   0.69396E-03  461642.9 3754486.0   256.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0004961	0	0.69396E-03	461634.8	3754480.6	256.3	3.40	4.51	3.16	YES	NO	
L0004962	0	0.69396E-03	461626.7	3754475.2	256.0	3.40	4.51	3.16	YES	NO	
L0004963	0	0.69396E-03	461618.7	3754469.8	255.9	3.40	4.51	3.16	YES	NO	
L0004964	0	0.69396E-03	461610.6	3754464.4	256.0	3.40	4.51	3.16	YES	NO	
L0004965	0	0.69396E-03	461602.5	3754459.0	256.2	3.40	4.51	3.16	YES	NO	
L0004966	0	0.69396E-03	461594.5	3754453.6	255.8	3.40	4.51	3.16	YES	NO	
L0004967	0	0.69396E-03	461586.4	3754448.2	255.5	3.40	4.51	3.16	YES	NO	
L0004968	0	0.69396E-03	461578.4	3754442.8	255.4	3.40	4.51	3.16	YES	NO	
L0004969	0	0.69396E-03	461570.3	3754437.4	255.3	3.40	4.51	3.16	YES	NO	
L0004970	0	0.69396E-03	461562.2	3754432.1	255.4	3.40	4.51	3.16	YES	NO	
L0004971	0	0.69396E-03	461554.2	3754426.7	255.5	3.40	4.51	3.16	YES	NO	
L0004972	0	0.69396E-03	461546.1	3754421.3	255.2	3.40	4.51	3.16	YES	NO	
L0004973	0	0.69396E-03	461538.0	3754415.9	255.0	3.40	4.51	3.16	YES	NO	
L0004974	0	0.69396E-03	461530.0	3754410.5	254.9	3.40	4.51	3.16	YES	NO	
L0004975	0	0.69396E-03	461521.9	3754405.1	254.8	3.40	4.51	3.16	YES	NO	
L0004976	0	0.69396E-03	461513.9	3754399.7	254.8	3.40	4.51	3.16	YES	NO	
L0004977	0	0.69396E-03	461505.8	3754394.3	254.7	3.40	4.51	3.16	YES	NO	
L0004978	0	0.69396E-03	461497.7	3754388.9	254.5	3.40	4.51	3.16	YES	NO	
L0004979	0	0.69396E-03	461489.7	3754383.5	254.3	3.40	4.51				

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3.16     YES                    NO
 L0004980         0   0.69396E-03  461481.6 3754378.1   254.2     3.40     4.51
3.16     YES                    NO
 L0004981         0   0.69396E-03  461473.5 3754372.7   254.0     3.40     4.51
3.16     YES                    NO
 L0004982         0   0.69396E-03  461465.5 3754367.3   253.9     3.40     4.51
3.16     YES                    NO
 L0004983         0   0.69396E-03  461457.4 3754361.9   253.8     3.40     4.51
3.16     YES                    NO
 L0004984         0   0.69396E-03  461449.4 3754356.6   253.7     3.40     4.51
3.16     YES                    NO
 L0004985         0   0.69396E-03  461441.3 3754351.2   253.5     3.40     4.51
3.16     YES                    NO
 L0004986         0   0.69396E-03  461433.2 3754345.8   253.3     3.40     4.51
3.16     YES                    NO
 L0004987         0   0.62578E-03  465255.2 3764099.9   268.2     3.40     4.51
3.16     YES                    NO
 L0004988         0   0.62578E-03  465264.9 3764099.7   268.2     3.40     4.51
3.16     YES                    NO
 L0004989         0   0.62578E-03  465274.5 3764099.5   268.2     3.40     4.51
3.16     YES                    NO
 L0004990         0   0.62578E-03  465284.2 3764099.4   268.2     3.40     4.51
3.16     YES                    NO
 L0004991         0   0.62578E-03  465293.9 3764099.2   268.0     3.40     4.51
3.16     YES                    NO
 L0004992         0   0.62578E-03  465303.6 3764099.1   267.7     3.40     4.51
3.16     YES                    NO
 L0004993         0   0.62578E-03  465313.3 3764098.9   267.5     3.40     4.51
3.16     YES                    NO
 L0004994         0   0.62578E-03  465323.0 3764098.7   267.4     3.40     4.51
3.16     YES                    NO
 L0004995         0   0.62578E-03  465332.7 3764098.6   267.4     3.40     4.51
3.16     YES                    NO
 L0004996         0   0.62578E-03  465342.4 3764098.4   267.2     3.40     4.51
3.16     YES                    NO
 L0004997         0   0.62578E-03  465352.1 3764098.2   266.9     3.40     4.51
3.16     YES                    NO
 L0004998         0   0.62578E-03  465361.8 3764098.1   266.5     3.40     4.51
3.16     YES                    NO
 L0004999         0   0.62578E-03  465371.5 3764097.9   266.1     3.40     4.51
3.16     YES                    NO
 L0005000         0   0.62578E-03  465379.7 3764096.3   265.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0005001	0	0.62578E-03	465379.3	3764086.6	265.5	3.40	4.51	3.16	YES	NO
L0005002	0	0.62578E-03	465379.0	3764076.9	265.1	3.40	4.51	3.16	YES	NO
L0005003	0	0.62578E-03	465378.6	3764067.2	264.7	3.40	4.51	3.16	YES	NO
L0005004	0	0.62578E-03	465378.3	3764057.5	264.3	3.40	4.51	3.16	YES	NO
L0005005	0	0.62578E-03	465377.9	3764047.8	263.9	3.40	4.51	3.16	YES	NO
L0005006	0	0.62578E-03	465377.6	3764038.1	263.6	3.40	4.51	3.16	YES	NO
L0005007	0	0.62578E-03	465377.2	3764028.4	263.2	3.40	4.51	3.16	YES	NO
L0005008	0	0.62578E-03	465376.9	3764018.7	262.9	3.40	4.51	3.16	YES	NO
L0005009	0	0.62578E-03	465376.5	3764009.1	262.4	3.40	4.51	3.16	YES	NO
L0005010	0	0.62578E-03	465376.2	3763999.4	261.9	3.40	4.51	3.16	YES	NO
L0005011	0	0.62578E-03	465373.2	3763990.1	261.7	3.40	4.51	3.16	YES	NO
L0005012	0	0.62578E-03	465370.0	3763981.1	260.5	3.40	4.51	3.16	YES	NO
L0005013	0	0.62578E-03	465361.0	3763977.6	261.0	3.40	4.51	3.16	YES	NO
L0005014	0	0.62578E-03	465351.9	3763974.1	261.5	3.40	4.51	3.16	YES	NO
L0005015	0	0.62578E-03	465342.9	3763970.6	262.1	3.40	4.51	3.16	YES	NO
L0005016	0	0.62578E-03	465333.8	3763967.1	262.7	3.40	4.51	3.16	YES	NO
L0005017	0	0.62578E-03	465324.8	3763963.6	263.0	3.40	4.51	3.16	YES	NO
L0005018	0	0.62578E-03	465315.3	3763962.6	263.6	3.40	4.51	3.16	YES	NO
L0005019	0	0.62578E-03	465305.6	3763962.7	263.9	3.40	4.51			

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3.16     YES                    NO
 L0005020         0   0.62578E-03  465295.9 3763962.8   264.2     3.40     4.51
3.16     YES                    NO
 L0005021         0   0.62578E-03  465286.2 3763962.9   264.5     3.40     4.51
3.16     YES                    NO
 L0005022         0   0.62578E-03  465276.5 3763963.0   264.9     3.40     4.51
3.16     YES                    NO
 L0005023         0   0.62578E-03  465266.8 3763963.1   265.3     3.40     4.51
3.16     YES                    NO
 L0005024         0   0.62578E-03  465257.1 3763963.2   265.7     3.40     4.51
3.16     YES                    NO
 L0005025         0   0.62578E-03  465247.4 3763963.3   266.0     3.40     4.51
3.16     YES                    NO
 L0005026         0   0.62578E-03  465242.2 3763958.6   266.1     3.40     4.51
3.16     YES                    NO
 L0005027         0   0.62578E-03  465241.7 3763948.9   266.1     3.40     4.51
3.16     YES                    NO
 L0005028         0   0.62578E-03  465241.2 3763939.2   266.1     3.40     4.51
3.16     YES                    NO
 L0005029         0   0.62578E-03  465240.7 3763929.5   266.0     3.40     4.51
3.16     YES                    NO
 L0005030         0   0.62578E-03  465240.2 3763919.8   266.0     3.40     4.51
3.16     YES                    NO
 L0005031         0   0.62578E-03  465239.7 3763910.2   265.9     3.40     4.51
3.16     YES                    NO
 L0005032         0   0.62578E-03  465239.2 3763900.5   265.9     3.40     4.51
3.16     YES                    NO
 L0005033         0   0.62578E-03  465238.8 3763890.8   265.9     3.40     4.51
3.16     YES                    NO
 L0005034         0   0.62578E-03  465238.3 3763881.1   265.8     3.40     4.51
3.16     YES                    NO
 L0005035         0   0.62578E-03  465235.7 3763871.9   265.9     3.40     4.51
3.16     YES                    NO
 L0005036         0   0.62578E-03  465231.6 3763863.1   265.9     3.40     4.51
3.16     YES                    NO
 L0005037         0   0.62578E-03  465227.5 3763854.3   265.9     3.40     4.51
3.16     YES                    NO
 L0005038         0   0.62578E-03  465223.4 3763845.6   265.9     3.40     4.51
3.16     YES                    NO
 L0005039         0   0.62578E-03  465219.3 3763836.8   265.9     3.40     4.51
3.16     YES                    NO
 L0005040         0   0.62578E-03  465215.2 3763828.0   265.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0005041	0	0.62578E-03	465211.1	3763819.2	265.6	3.40	4.51	3.16	YES	NO	
L0005042	0	0.62578E-03	465206.1	3763811.3	265.8	3.40	4.51	3.16	YES	NO	
L0005043	0	0.62578E-03	465197.6	3763806.5	265.9	3.40	4.51	3.16	YES	NO	
L0005044	0	0.62578E-03	465189.1	3763801.8	266.1	3.40	4.51	3.16	YES	NO	
L0005045	0	0.62578E-03	465180.7	3763796.9	266.3	3.40	4.51	3.16	YES	NO	
L0005046	0	0.62578E-03	465172.3	3763792.1	266.5	3.40	4.51	3.16	YES	NO	
L0005047	0	0.62578E-03	465163.9	3763787.2	266.6	3.40	4.51	3.16	YES	NO	
L0005048	0	0.62578E-03	465155.5	3763782.3	266.7	3.40	4.51	3.16	YES	NO	
L0005049	0	0.62578E-03	465147.0	3763777.7	266.9	3.40	4.51	3.16	YES	NO	
L0005050	0	0.62578E-03	465138.1	3763773.9	267.0	3.40	4.51	3.16	YES	NO	
L0005051	0	0.62578E-03	465129.2	3763770.1	267.2	3.40	4.51	3.16	YES	NO	
L0005052	0	0.62578E-03	465119.6	3763769.3	267.6	3.40	4.51	3.16	YES	NO	
L0005053	0	0.62578E-03	465109.9	3763768.8	267.9	3.40	4.51	3.16	YES	NO	
L0005054	0	0.62578E-03	465100.2	3763768.5	268.2	3.40	4.51	3.16	YES	NO	
L0005055	0	0.62578E-03	465090.5	3763768.6	268.5	3.40	4.51	3.16	YES	NO	
L0005056	0	0.62578E-03	465080.8	3763768.8	268.8	3.40	4.51	3.16	YES	NO	
L0005057	0	0.62578E-03	465071.1	3763768.9	269.0	3.40	4.51	3.16	YES	NO	
L0005058	0	0.62578E-03	465061.4	3763769.1	269.3	3.40	4.51	3.16	YES	NO	
L0005059	0	0.62578E-03	465051.7	3763769.2	269.5	3.40	4.51				

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3.16     YES                    NO
 L0005060         0   0.62578E-03  465042.0 3763769.4   269.6     3.40     4.51
3.16     YES                    NO
 L0005061         0   0.62578E-03  465032.3 3763769.5   269.7     3.40     4.51
3.16     YES                    NO
 L0005062         0   0.62578E-03  465022.6 3763769.7   269.9     3.40     4.51
3.16     YES                    NO
 L0005063         0   0.62578E-03  465012.9 3763769.8   270.0     3.40     4.51
3.16     YES                    NO
 L0005064         0   0.62578E-03  465003.5 3763767.9   270.0     3.40     4.51
3.16     YES                    NO
 L0005065         0   0.62578E-03  464993.9 3763767.0   270.1     3.40     4.51
3.16     YES                    NO
 L0005066         0   0.62578E-03  464984.2 3763767.0   270.2     3.40     4.51
3.16     YES                    NO
 L0005067         0   0.62578E-03  464974.5 3763767.1   270.2     3.40     4.51
3.16     YES                    NO
 L0005068         0   0.62578E-03  464964.8 3763767.1   270.2     3.40     4.51
3.16     YES                    NO
 L0005069         0   0.62578E-03  464955.1 3763767.1   270.2     3.40     4.51
3.16     YES                    NO
 L0005070         0   0.62578E-03  464945.4 3763767.2   270.1     3.40     4.51
3.16     YES                    NO
 L0005071         0   0.62578E-03  464935.7 3763767.2   270.0     3.40     4.51
3.16     YES                    NO
 L0005072         0   0.62578E-03  464926.0 3763767.2   269.9     3.40     4.51
3.16     YES                    NO
 L0005073         0   0.62578E-03  464916.3 3763767.3   270.0     3.40     4.51
3.16     YES                    NO
 L0005074         0   0.62578E-03  464906.6 3763767.3   270.2     3.40     4.51
3.16     YES                    NO
 L0005075         0   0.62578E-03  464896.9 3763767.3   270.3     3.40     4.51
3.16     YES                    NO
 L0005076         0   0.62578E-03  464887.2 3763767.3   270.3     3.40     4.51
3.16     YES                    NO
 L0005077         0   0.62578E-03  464877.5 3763767.4   270.4     3.40     4.51
3.16     YES                    NO
 L0005078         0   0.62578E-03  464867.8 3763767.4   270.4     3.40     4.51
3.16     YES                    NO
 L0005079         0   0.62578E-03  464858.1 3763767.4   270.4     3.40     4.51
3.16     YES                    NO
 L0005080         0   0.62578E-03  464848.4 3763767.5   270.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0005081	0	0.62578E-03	464838.7	3763767.5	270.5	3.40	4.51	3.16	YES	NO
L0005082	0	0.62578E-03	464829.0	3763767.5	270.5	3.40	4.51	3.16	YES	NO
L0005083	0	0.62578E-03	464819.3	3763767.6	270.5	3.40	4.51	3.16	YES	NO
L0005084	0	0.62578E-03	464809.6	3763767.6	270.5	3.40	4.51	3.16	YES	NO
L0005085	0	0.62578E-03	464799.9	3763767.6	270.5	3.40	4.51	3.16	YES	NO
L0005086	0	0.62578E-03	464790.2	3763767.7	270.5	3.40	4.51	3.16	YES	NO
L0005087	0	0.62578E-03	464780.5	3763767.7	270.4	3.40	4.51	3.16	YES	NO
L0005088	0	0.62578E-03	464770.8	3763767.7	270.3	3.40	4.51	3.16	YES	NO
L0005089	0	0.62578E-03	464761.1	3763767.8	270.2	3.40	4.51	3.16	YES	NO
L0005090	0	0.62578E-03	464751.4	3763767.8	270.1	3.40	4.51	3.16	YES	NO
L0005091	0	0.62578E-03	464741.7	3763767.8	270.0	3.40	4.51	3.16	YES	NO
L0005092	0	0.62578E-03	464732.0	3763767.9	269.9	3.40	4.51	3.16	YES	NO
L0005093	0	0.62578E-03	464722.3	3763767.9	269.8	3.40	4.51	3.16	YES	NO
L0005094	0	0.62578E-03	464712.6	3763767.9	269.6	3.40	4.51	3.16	YES	NO
L0005095	0	0.62578E-03	464702.9	3763767.9	269.4	3.40	4.51	3.16	YES	NO
L0005096	0	0.62578E-03	464693.2	3763768.0	269.3	3.40	4.51	3.16	YES	NO
L0005097	0	0.62578E-03	464683.5	3763768.0	269.0	3.40	4.51	3.16	YES	NO
L0005098	0	0.62578E-03	464673.8	3763768.0	268.7	3.40	4.51	3.16	YES	NO
L0005099	0	0.62578E-03	464664.1	3763768.1	268.2	3.40	4.51			

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3.16     YES                    NO
 L0005100         0   0.62578E-03  464654.4 3763768.1   267.6     3.40     4.51
3.16     YES                    NO
 L0005101         0   0.62578E-03  464644.7 3763768.1   266.9     3.40     4.51
3.16     YES                    NO
 L0005102         0   0.62578E-03  464640.3 3763763.3   266.3     3.40     4.51
3.16     YES                    NO
 L0005103         0   0.62578E-03  464641.2 3763753.7   265.9     3.40     4.51
3.16     YES                    NO
 L0005104         0   0.62578E-03  464642.1 3763744.0   265.5     3.40     4.51
3.16     YES                    NO
 L0005105         0   0.62578E-03  464643.0 3763734.4   265.0     3.40     4.51
3.16     YES                    NO
 L0005106         0   0.62578E-03  464644.7 3763724.8   264.6     3.40     4.51
3.16     YES                    NO
 L0005107         0   0.62578E-03  464647.0 3763715.4   264.3     3.40     4.51
3.16     YES                    NO
 L0005108         0   0.62578E-03  464649.3 3763706.0   263.9     3.40     4.51
3.16     YES                    NO
 L0005109         0   0.62578E-03  464651.6 3763696.6   263.5     3.40     4.51
3.16     YES                    NO
 L0005110         0   0.62578E-03  464653.8 3763687.1   263.1     3.40     4.51
3.16     YES                    NO
 L0005111         0   0.62578E-03  464656.1 3763677.7   262.5     3.40     4.51
3.16     YES                    NO
 L0005112         0   0.62578E-03  464658.4 3763668.3   261.9     3.40     4.51
3.16     YES                    NO
 L0005113         0   0.62578E-03  464661.1 3763659.0   261.3     3.40     4.51
3.16     YES                    NO
 L0005114         0   0.62578E-03  464663.9 3763649.7   260.7     3.40     4.51
3.16     YES                    NO
 L0005115         0   0.62578E-03  464666.7 3763640.4   260.1     3.40     4.51
3.16     YES                    NO
 L0005116         0   0.62578E-03  464669.5 3763631.1   259.4     3.40     4.51
3.16     YES                    NO
 L0005117         0   0.62578E-03  464672.3 3763621.8   259.3     3.40     4.51
3.16     YES                    NO
 L0005118         0   0.62578E-03  464672.6 3763612.2   258.7     3.40     4.51
3.16     YES                    NO
 L0005119         0   0.62578E-03  464671.9 3763602.5   257.9     3.40     4.51
3.16     YES                    NO
 L0005120         0   0.62578E-03  464669.5 3763593.1   256.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0005121	0	0.62578E-03	464666.9	3763583.8	256.3	3.40	4.51	3.16	YES	NO	
L0005122	0	0.62578E-03	464663.4	3763574.8	256.0	3.40	4.51	3.16	YES	NO	
L0005123	0	0.62578E-03	464659.9	3763565.7	255.6	3.40	4.51	3.16	YES	NO	
L0005124	0	0.62578E-03	464653.1	3763560.1	255.3	3.40	4.51	3.16	YES	NO	
L0005125	0	0.62578E-03	464644.0	3763556.8	255.2	3.40	4.51	3.16	YES	NO	
L0005126	0	0.62578E-03	464634.8	3763553.5	254.9	3.40	4.51	3.16	YES	NO	
L0005127	0	0.62578E-03	464625.7	3763550.2	254.7	3.40	4.51	3.16	YES	NO	
L0005128	0	0.62578E-03	464616.6	3763546.9	254.4	3.40	4.51	3.16	YES	NO	
L0005129	0	0.62578E-03	464607.5	3763543.7	254.3	3.40	4.51	3.16	YES	NO	
L0005130	0	0.62578E-03	464600.5	3763539.3	254.2	3.40	4.51	3.16	YES	NO	
L0005131	0	0.62578E-03	464603.1	3763529.9	254.1	3.40	4.51	3.16	YES	NO	
L0005132	0	0.62578E-03	464605.8	3763520.6	254.0	3.40	4.51	3.16	YES	NO	
L0005133	0	0.62578E-03	464608.4	3763511.3	253.9	3.40	4.51	3.16	YES	NO	
L0005134	0	0.62578E-03	464611.1	3763501.9	253.8	3.40	4.51	3.16	YES	NO	
L0005135	0	0.62578E-03	464613.7	3763492.6	253.7	3.40	4.51	3.16	YES	NO	
L0005136	0	0.62578E-03	464616.4	3763483.3	253.6	3.40	4.51	3.16	YES	NO	
L0005137	0	0.62578E-03	464619.0	3763473.9	253.6	3.40	4.51	3.16	YES	NO	
L0005138	0	0.62578E-03	464622.3	3763464.8	253.5	3.40	4.51	3.16	YES	NO	
L0005139	0	0.62578E-03	464626.0	3763455.9	253.4	3.40	4.51				

3.16   YES   NO
 L0005140   0   0.62578E-03 464629.7 3763446.9   253.4   3.40   4.51
3.16   YES   NO
 L0005141   0   0.62578E-03 464633.3 3763437.9   253.3   3.40   4.51
3.16   YES   NO
 L0005142   0   0.62578E-03 464637.0 3763428.9   253.3   3.40   4.51
3.16   YES   NO
 L0005143   0   0.62578E-03 464640.7 3763419.9   253.2   3.40   4.51
3.16   YES   NO
 L0005144   0   0.62578E-03 464644.3 3763411.0   253.2   3.40   4.51
3.16   YES   NO
 L0005145   0   0.62578E-03 464648.0 3763402.0   253.0   3.40   4.51
3.16   YES   NO
 L0005146   0   0.62578E-03 464651.7 3763393.0   252.9   3.40   4.51
3.16   YES   NO
 L0005147   0   0.62578E-03 464655.3 3763384.0   252.8   3.40   4.51
3.16   YES   NO
 L0005148   0   0.62578E-03 464659.0 3763375.0   252.7   3.40   4.51
3.16   YES   NO
 L0005149   0   0.62578E-03 464662.7 3763366.1   252.6   3.40   4.51
3.16   YES   NO
 L0005150   0   0.62578E-03 464667.0 3763357.4   252.6   3.40   4.51
3.16   YES   NO
 L0005151   0   0.62578E-03 464671.8 3763349.0   252.4   3.40   4.51
3.16   YES   NO
 L0005152   0   0.62578E-03 464676.7 3763340.6   252.0   3.40   4.51
3.16   YES   NO
 L0005153   0   0.62578E-03 464681.6 3763332.2   251.7   3.40   4.51
3.16   YES   NO
 L0005154   0   0.62578E-03 464686.5 3763323.8   251.6   3.40   4.51
3.16   YES   NO
 L0005155   0   0.62578E-03 464691.3 3763315.5   251.8   3.40   4.51
3.16   YES   NO
 L0005156   0   0.62578E-03 464696.2 3763307.1   251.5   3.40   4.51
3.16   YES   NO
 L0005157   0   0.62578E-03 464701.1 3763298.7   251.1   3.40   4.51
3.16   YES   NO
 L0005158   0   0.62578E-03 464705.9 3763290.3   250.8   3.40   4.51
3.16   YES   NO
 L0005159   0   0.62578E-03 464710.8 3763281.9   250.6   3.40   4.51
3.16   YES   NO
 L0005160   0   0.62578E-03 464715.7 3763273.5   250.7   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0005161	0	0.62578E-03	464720.5	3763265.1	251.0	3.40	4.51	3.16	YES	NO
L0005162	0	0.62578E-03	464725.4	3763256.7	250.9	3.40	4.51	3.16	YES	NO
L0005163	0	0.62578E-03	464730.3	3763248.3	250.5	3.40	4.51	3.16	YES	NO
L0005164	0	0.62578E-03	464735.1	3763239.9	250.3	3.40	4.51	3.16	YES	NO
L0005165	0	0.62578E-03	464740.0	3763231.6	250.5	3.40	4.51	3.16	YES	NO
L0005166	0	0.62578E-03	464744.9	3763223.2	251.0	3.40	4.51	3.16	YES	NO
L0005167	0	0.62578E-03	464749.8	3763214.8	250.5	3.40	4.51	3.16	YES	NO
L0005168	0	0.62578E-03	464754.6	3763206.4	250.2	3.40	4.51	3.16	YES	NO
L0005169	0	0.62578E-03	464759.5	3763198.0	250.1	3.40	4.51	3.16	YES	NO
L0005170	0	0.62578E-03	464764.7	3763189.8	250.2	3.40	4.51	3.16	YES	NO
L0005171	0	0.62578E-03	464770.2	3763181.9	250.3	3.40	4.51	3.16	YES	NO
L0005172	0	0.62578E-03	464775.7	3763173.9	250.1	3.40	4.51	3.16	YES	NO
L0005173	0	0.62578E-03	464781.2	3763165.9	249.9	3.40	4.51	3.16	YES	NO
L0005174	0	0.62578E-03	464786.7	3763157.9	249.8	3.40	4.51	3.16	YES	NO
L0005175	0	0.62578E-03	464792.3	3763149.9	249.9	3.40	4.51	3.16	YES	NO
L0005176	0	0.62578E-03	464797.8	3763141.9	250.1	3.40	4.51	3.16	YES	NO
L0005177	0	0.62578E-03	464803.3	3763133.9	249.7	3.40	4.51	3.16	YES	NO
L0005178	0	0.62578E-03	464808.8	3763125.9	248.9	3.40	4.51	3.16	YES	NO
L0005179	0	0.62578E-03	464814.3	3763118.0	247.7	3.40	4.51			

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3.16     YES                    NO
 L0005180         0   0.62578E-03  464819.8 3763110.0   246.6     3.40     4.51
3.16     YES                    NO
 L0005181         0   0.62578E-03  464825.3 3763102.0   245.5     3.40     4.51
3.16     YES                    NO
 L0005182         0   0.62578E-03  464830.8 3763094.0   244.6     3.40     4.51
3.16     YES                    NO
 L0005183         0   0.62578E-03  464836.3 3763086.0   243.9     3.40     4.51
3.16     YES                    NO
 L0005184         0   0.62578E-03  464841.8 3763078.0   243.3     3.40     4.51
3.16     YES                    NO
 L0005185         0   0.62578E-03  464847.3 3763070.1   242.9     3.40     4.51
3.16     YES                    NO
 L0005186         0   0.62578E-03  464852.9 3763062.1   242.7     3.40     4.51
3.16     YES                    NO
 L0005187         0   0.62578E-03  464858.5 3763054.2   242.5     3.40     4.51
3.16     YES                    NO
 L0005188         0   0.62578E-03  464864.1 3763046.3   242.3     3.40     4.51
3.16     YES                    NO
 L0005189         0   0.62578E-03  464869.6 3763038.3   242.2     3.40     4.51
3.16     YES                    NO
 L0005190         0   0.62578E-03  464875.2 3763030.4   242.5     3.40     4.51
3.16     YES                    NO
 L0005191         0   0.62578E-03  464880.8 3763022.4   242.8     3.40     4.51
3.16     YES                    NO
 L0005192         0   0.62578E-03  464886.4 3763014.5   243.1     3.40     4.51
3.16     YES                    NO
 L0005193         0   0.62578E-03  464891.9 3763006.6   243.4     3.40     4.51
3.16     YES                    NO
 L0005194         0   0.62578E-03  464897.5 3762998.6   243.5     3.40     4.51
3.16     YES                    NO
 L0005195         0   0.62578E-03  464903.1 3762990.7   243.7     3.40     4.51
3.16     YES                    NO
 L0005196         0   0.62578E-03  464908.6 3762982.7   243.8     3.40     4.51
3.16     YES                    NO
 L0005197         0   0.62578E-03  464914.2 3762974.8   243.8     3.40     4.51
3.16     YES                    NO
 L0005198         0   0.62578E-03  464919.8 3762966.9   243.9     3.40     4.51
3.16     YES                    NO
 L0005199         0   0.62578E-03  464925.4 3762958.9   243.9     3.40     4.51
3.16     YES                    NO
 L0005200         0   0.62578E-03  464930.9 3762951.0   243.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0005201	0	0.62578E-03	464936.5	3762943.0	243.8	3.40	4.51	3.16	YES	NO	
L0005202	0	0.62578E-03	464942.1	3762935.1	243.7	3.40	4.51	3.16	YES	NO	
L0005203	0	0.62578E-03	464947.7	3762927.2	243.7	3.40	4.51	3.16	YES	NO	
L0005204	0	0.62578E-03	464953.2	3762919.2	243.8	3.40	4.51	3.16	YES	NO	
L0005205	0	0.62578E-03	464958.8	3762911.3	243.9	3.40	4.51	3.16	YES	NO	
L0005206	0	0.62578E-03	464964.4	3762903.4	244.0	3.40	4.51	3.16	YES	NO	
L0005207	0	0.62578E-03	464970.0	3762895.4	244.0	3.40	4.51	3.16	YES	NO	
L0005208	0	0.62578E-03	464975.5	3762887.5	244.0	3.40	4.51	3.16	YES	NO	
L0005209	0	0.62578E-03	464981.1	3762879.5	243.9	3.40	4.51	3.16	YES	NO	
L0005210	0	0.62578E-03	464986.7	3762871.6	243.8	3.40	4.51	3.16	YES	NO	
L0005211	0	0.62578E-03	464992.3	3762863.7	243.8	3.40	4.51	3.16	YES	NO	
L0005212	0	0.62578E-03	464997.8	3762855.7	243.8	3.40	4.51	3.16	YES	NO	
L0005213	0	0.62578E-03	465003.4	3762847.8	244.3	3.40	4.51	3.16	YES	NO	
L0005214	0	0.62578E-03	465009.0	3762839.8	245.3	3.40	4.51	3.16	YES	NO	
L0005215	0	0.62578E-03	465014.6	3762831.9	246.5	3.40	4.51	3.16	YES	NO	
L0005216	0	0.62578E-03	465020.1	3762824.0	248.0	3.40	4.51	3.16	YES	NO	
L0005217	0	0.62578E-03	465025.7	3762816.0	249.2	3.40	4.51	3.16	YES	NO	
L0005218	0	0.62578E-03	465031.3	3762808.1	249.1	3.40	4.51	3.16	YES	NO	
L0005219	0	0.62578E-03	465036.8	3762800.2	249.0	3.40	4.51				

3.16   YES   NO
 L0005220   0   0.62578E-03 465042.4 3762792.2   248.8   3.40   4.51
3.16   YES   NO
 L0005221   0   0.62578E-03 465048.0 3762784.3   248.6   3.40   4.51
3.16   YES   NO
 L0005222   0   0.62578E-03 465053.6 3762776.3   248.8   3.40   4.51
3.16   YES   NO
 L0005223   0   0.62578E-03 465059.1 3762768.4   248.8   3.40   4.51
3.16   YES   NO
 L0005224   0   0.62578E-03 465064.7 3762760.5   248.8   3.40   4.51
3.16   YES   NO
 L0005225   0   0.62578E-03 465070.3 3762752.5   248.5   3.40   4.51
3.16   YES   NO
 L0005226   0   0.62578E-03 465075.9 3762744.6   248.7   3.40   4.51
3.16   YES   NO
 L0005227   0   0.62578E-03 465081.4 3762736.6   248.7   3.40   4.51
3.16   YES   NO
 L0005228   0   0.62578E-03 465087.0 3762728.7   248.7   3.40   4.51
3.16   YES   NO
 L0005229   0   0.62578E-03 465092.6 3762720.8   248.3   3.40   4.51
3.16   YES   NO
 L0005230   0   0.62578E-03 465098.2 3762712.8   248.2   3.40   4.51
3.16   YES   NO
 L0005231   0   0.62578E-03 465103.7 3762704.9   248.4   3.40   4.51
3.16   YES   NO
 L0005232   0   0.62578E-03 465109.3 3762697.0   248.4   3.40   4.51
3.16   YES   NO
 L0005233   0   0.62578E-03 465114.9 3762689.0   248.0   3.40   4.51
3.16   YES   NO
 L0005234   0   0.62578E-03 465120.5 3762681.1   247.8   3.40   4.51
3.16   YES   NO
 L0005235   0   0.62578E-03 465126.1 3762673.2   248.0   3.40   4.51
3.16   YES   NO
 L0005236   0   0.62578E-03 465131.7 3762665.3   247.9   3.40   4.51
3.16   YES   NO
 L0005237   0   0.62578E-03 465137.4 3762657.4   247.5   3.40   4.51
3.16   YES   NO
 L0005238   0   0.62578E-03 465143.0 3762649.5   247.3   3.40   4.51
3.16   YES   NO
 L0005239   0   0.62578E-03 465148.6 3762641.6   247.2   3.40   4.51
3.16   YES   NO
 L0005240   0   0.62578E-03 465154.2 3762633.7   247.2   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0005241	0	0.62578E-03	465159.8	3762625.8	246.8	3.40	4.51	3.16	YES	NO	
L0005242	0	0.62578E-03	465165.5	3762617.9	246.6	3.40	4.51	3.16	YES	NO	
L0005243	0	0.62578E-03	465171.1	3762609.9	246.4	3.40	4.51	3.16	YES	NO	
L0005244	0	0.62578E-03	465176.7	3762602.0	246.4	3.40	4.51	3.16	YES	NO	
L0005245	0	0.62578E-03	465182.3	3762594.1	246.2	3.40	4.51	3.16	YES	NO	
L0005246	0	0.62578E-03	465187.9	3762586.2	246.1	3.40	4.51	3.16	YES	NO	
L0005247	0	0.62578E-03	465193.5	3762578.3	246.0	3.40	4.51	3.16	YES	NO	
L0005248	0	0.62578E-03	465199.2	3762570.4	246.0	3.40	4.51	3.16	YES	NO	
L0005249	0	0.62578E-03	465204.8	3762562.5	245.9	3.40	4.51	3.16	YES	NO	
L0005250	0	0.62578E-03	465210.4	3762554.6	245.8	3.40	4.51	3.16	YES	NO	
L0005251	0	0.62578E-03	465216.0	3762546.7	245.7	3.40	4.51	3.16	YES	NO	
L0005252	0	0.62578E-03	465221.6	3762538.8	245.6	3.40	4.51	3.16	YES	NO	
L0005253	0	0.62578E-03	465227.3	3762530.9	245.6	3.40	4.51	3.16	YES	NO	
L0005254	0	0.62578E-03	465232.9	3762523.0	245.5	3.40	4.51	3.16	YES	NO	
L0005255	0	0.62578E-03	465238.5	3762515.1	245.5	3.40	4.51	3.16	YES	NO	
L0005256	0	0.62578E-03	465244.1	3762507.2	245.4	3.40	4.51	3.16	YES	NO	
L0005257	0	0.62578E-03	465249.7	3762499.2	245.3	3.40	4.51	3.16	YES	NO	
L0005258	0	0.62578E-03	465255.4	3762491.3	245.3	3.40	4.51	3.16	YES	NO	
L0005259	0	0.62578E-03	465261.0	3762483.4	245.2	3.40	4.51				

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3.16     YES                    NO
 L0005260         0   0.62578E-03  465266.6 3762475.5   245.1     3.40     4.51
3.16     YES                    NO
 L0005261         0   0.62578E-03  465272.2 3762467.6   245.1     3.40     4.51
3.16     YES                    NO
 L0005262         0   0.62578E-03  465277.8 3762459.7   245.0     3.40     4.51
3.16     YES                    NO
 L0005263         0   0.62578E-03  465283.4 3762451.8   244.9     3.40     4.51
3.16     YES                    NO
 L0005264         0   0.62578E-03  465288.9 3762443.8   244.9     3.40     4.51
3.16     YES                    NO
 L0005265         0   0.62578E-03  465294.4 3762435.8   244.9     3.40     4.51
3.16     YES                    NO
 L0005266         0   0.62578E-03  465300.0 3762427.8   244.9     3.40     4.51
3.16     YES                    NO
 L0005267         0   0.62578E-03  465305.5 3762419.9   244.9     3.40     4.51
3.16     YES                    NO
 L0005268         0   0.62578E-03  465311.0 3762411.9   244.9     3.40     4.51
3.16     YES                    NO
 L0005269         0   0.62578E-03  465316.5 3762403.9   244.9     3.40     4.51
3.16     YES                    NO
 L0005270         0   0.62578E-03  465322.1 3762396.0   244.8     3.40     4.51
3.16     YES                    NO
 L0005271         0   0.62578E-03  465327.6 3762388.0   244.8     3.40     4.51
3.16     YES                    NO
 L0005272         0   0.62578E-03  465333.1 3762380.0   244.8     3.40     4.51
3.16     YES                    NO
 L0005273         0   0.62578E-03  465338.6 3762372.0   244.8     3.40     4.51
3.16     YES                    NO
 L0005274         0   0.62578E-03  465344.2 3762364.1   244.8     3.40     4.51
3.16     YES                    NO
 L0005275         0   0.62578E-03  465349.7 3762356.1   244.7     3.40     4.51
3.16     YES                    NO
 L0005276         0   0.62578E-03  465355.2 3762348.1   244.8     3.40     4.51
3.16     YES                    NO
 L0005277         0   0.62578E-03  465360.7 3762340.1   244.7     3.40     4.51
3.16     YES                    NO
 L0005278         0   0.62578E-03  465366.3 3762332.2   244.8     3.40     4.51
3.16     YES                    NO
 L0005279         0   0.62578E-03  465371.8 3762324.2   244.9     3.40     4.51
3.16     YES                    NO
 L0005280         0   0.62578E-03  465377.3 3762316.2   244.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0005281	0	0.62578E-03	465382.8	3762308.3	244.8	3.40	4.51	3.16	YES	NO
L0005282	0	0.62578E-03	465388.4	3762300.3	245.0	3.40	4.51	3.16	YES	NO
L0005283	0	0.62578E-03	465393.9	3762292.3	245.4	3.40	4.51	3.16	YES	NO
L0005284	0	0.62578E-03	465399.4	3762284.3	245.8	3.40	4.51	3.16	YES	NO
L0005285	0	0.62578E-03	465404.9	3762276.4	246.0	3.40	4.51	3.16	YES	NO
L0005286	0	0.62578E-03	465410.5	3762268.4	246.4	3.40	4.51	3.16	YES	NO
L0005287	0	0.62578E-03	465416.0	3762260.4	246.9	3.40	4.51	3.16	YES	NO
L0005288	0	0.62578E-03	465421.5	3762252.4	247.2	3.40	4.51	3.16	YES	NO
L0005289	0	0.62578E-03	465427.0	3762244.5	247.3	3.40	4.51	3.16	YES	NO
L0005290	0	0.62578E-03	465432.6	3762236.5	247.3	3.40	4.51	3.16	YES	NO
L0005291	0	0.62578E-03	465438.1	3762228.5	247.4	3.40	4.51	3.16	YES	NO
L0005292	0	0.62578E-03	465443.6	3762220.6	247.2	3.40	4.51	3.16	YES	NO
L0005293	0	0.62578E-03	465449.1	3762212.6	247.0	3.40	4.51	3.16	YES	NO
L0005294	0	0.62578E-03	465455.4	3762205.6	246.6	3.40	4.51	3.16	YES	NO
L0005295	0	0.62578E-03	465464.8	3762203.3	247.0	3.40	4.51	3.16	YES	NO
L0005296	0	0.62578E-03	465474.2	3762200.9	247.5	3.40	4.51	3.16	YES	NO
L0005297	0	0.62578E-03	465483.6	3762198.6	247.9	3.40	4.51	3.16	YES	NO
L0005298	0	0.62578E-03	465492.9	3762196.0	248.1	3.40	4.51	3.16	YES	NO
L0005299	0	0.62578E-03	465501.9	3762192.4	248.1	3.40	4.51			

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3.16     YES                    NO
 L0005300         0   0.62578E-03  465511.0 3762188.8   248.1     3.40     4.51
3.16     YES                    NO
 L0005301         0   0.62578E-03  465520.0 3762185.3   248.0     3.40     4.51
3.16     YES                    NO
 L0005302         0   0.62578E-03  465529.0 3762181.7   248.0     3.40     4.51
3.16     YES                    NO
 L0005303         0   0.62578E-03  465538.0 3762178.1   248.0     3.40     4.51
3.16     YES                    NO
 L0005304         0   0.62578E-03  465547.0 3762174.6   248.1     3.40     4.51
3.16     YES                    NO
 L0005305         0   0.62578E-03  465556.1 3762171.0   248.2     3.40     4.51
3.16     YES                    NO
 L0005306         0   0.62578E-03  465565.1 3762167.4   248.2     3.40     4.51
3.16     YES                    NO
 L0005307         0   0.62578E-03  465574.1 3762163.9   248.0     3.40     4.51
3.16     YES                    NO
 L0005308         0   0.62578E-03  465583.1 3762160.3   247.9     3.40     4.51
3.16     YES                    NO
 L0005309         0   0.62578E-03  465592.1 3762156.7   247.8     3.40     4.51
3.16     YES                    NO
 L0005310         0   0.62578E-03  465601.1 3762153.0   247.8     3.40     4.51
3.16     YES                    NO
 L0005311         0   0.62578E-03  465610.0 3762149.0   247.9     3.40     4.51
3.16     YES                    NO
 L0005312         0   0.62578E-03  465618.8 3762145.1   248.0     3.40     4.51
3.16     YES                    NO
 L0005313         0   0.62578E-03  465627.7 3762141.1   248.1     3.40     4.51
3.16     YES                    NO
 L0005314         0   0.62578E-03  465636.5 3762137.2   248.0     3.40     4.51
3.16     YES                    NO
 L0005315         0   0.62578E-03  465645.4 3762133.2   247.9     3.40     4.51
3.16     YES                    NO
 L0005316         0   0.62578E-03  465654.2 3762129.3   247.8     3.40     4.51
3.16     YES                    NO
 L0005317         0   0.62578E-03  465663.1 3762125.3   247.9     3.40     4.51
3.16     YES                    NO
 L0005318         0   0.62578E-03  465672.0 3762121.4   247.9     3.40     4.51
3.16     YES                    NO
 L0005319         0   0.62578E-03  465680.8 3762117.4   248.1     3.40     4.51
3.16     YES                    NO
 L0005320         0   0.62578E-03  465689.7 3762113.5   248.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0005321	0	0.62578E-03	465698.5	3762109.5	248.6	3.40	4.51	3.16	YES	NO	
L0005322	0	0.62578E-03	465707.4	3762105.6	248.5	3.40	4.51	3.16	YES	NO	
L0005323	0	0.62578E-03	465716.3	3762101.6	248.5	3.40	4.51	3.16	YES	NO	
L0005324	0	0.62578E-03	465725.1	3762097.7	248.4	3.40	4.51	3.16	YES	NO	
L0005325	0	0.62578E-03	465734.0	3762093.7	248.5	3.40	4.51	3.16	YES	NO	
L0005326	0	0.62578E-03	465742.8	3762089.8	248.7	3.40	4.51	3.16	YES	NO	
L0005327	0	0.62578E-03	465751.7	3762085.8	248.9	3.40	4.51	3.16	YES	NO	
L0005328	0	0.62578E-03	465760.5	3762081.9	249.3	3.40	4.51	3.16	YES	NO	
L0005329	0	0.62578E-03	465769.4	3762077.9	249.5	3.40	4.51	3.16	YES	NO	
L0005330	0	0.62578E-03	465778.3	3762073.9	249.2	3.40	4.51	3.16	YES	NO	
L0005331	0	0.62578E-03	465787.1	3762070.0	249.1	3.40	4.51	3.16	YES	NO	
L0005332	0	0.62578E-03	465796.0	3762066.0	249.0	3.40	4.51	3.16	YES	NO	
L0005333	0	0.62578E-03	465804.8	3762062.1	249.0	3.40	4.51	3.16	YES	NO	
L0005334	0	0.62578E-03	465813.7	3762058.1	249.2	3.40	4.51	3.16	YES	NO	
L0005335	0	0.62578E-03	465822.6	3762054.2	249.5	3.40	4.51	3.16	YES	NO	
L0005336	0	0.62578E-03	465831.4	3762050.2	249.9	3.40	4.51	3.16	YES	NO	
L0005337	0	0.62578E-03	465840.3	3762046.3	250.0	3.40	4.51	3.16	YES	NO	
L0005338	0	0.62578E-03	465849.1	3762042.3	249.5	3.40	4.51	3.16	YES	NO	
L0005339	0	0.62578E-03	465858.0	3762038.4	249.0	3.40	4.51				

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3.16     YES                    NO
 L0005340         0   0.62578E-03  465866.8 3762034.4   248.7     3.40     4.51
3.16     YES                    NO
 L0005341         0   0.62578E-03  465875.7 3762030.5   248.0     3.40     4.51
3.16     YES                    NO
 L0005342         0   0.62578E-03  465884.6 3762026.5   247.3     3.40     4.51
3.16     YES                    NO
 L0005343         0   0.62578E-03  465893.4 3762022.6   246.7     3.40     4.51
3.16     YES                    NO
 L0005344         0   0.62578E-03  465902.3 3762018.7   247.4     3.40     4.51
3.16     YES                    NO
 L0005345         0   0.62578E-03  465911.2 3762014.7   248.2     3.40     4.51
3.16     YES                    NO
 L0005346         0   0.62578E-03  465920.0 3762010.8   249.0     3.40     4.51
3.16     YES                    NO
 L0005347         0   0.62578E-03  465928.9 3762006.9   248.9     3.40     4.51
3.16     YES                    NO
 L0005348         0   0.62578E-03  465937.8 3762003.0   248.9     3.40     4.51
3.16     YES                    NO
 L0005349         0   0.62578E-03  465946.7 3761999.1   249.1     3.40     4.51
3.16     YES                    NO
 L0005350         0   0.62578E-03  465955.5 3761995.2   249.1     3.40     4.51
3.16     YES                    NO
 L0005351         0   0.62578E-03  465964.4 3761991.2   249.2     3.40     4.51
3.16     YES                    NO
 L0005352         0   0.62578E-03  465973.3 3761987.3   249.4     3.40     4.51
3.16     YES                    NO
 L0005353         0   0.62578E-03  465982.2 3761983.4   249.1     3.40     4.51
3.16     YES                    NO
 L0005354         0   0.62578E-03  465991.0 3761979.5   248.7     3.40     4.51
3.16     YES                    NO
 L0005355         0   0.62578E-03  465999.9 3761975.6   248.6     3.40     4.51
3.16     YES                    NO
 L0005356         0   0.62578E-03  466008.8 3761971.7   248.4     3.40     4.51
3.16     YES                    NO
 L0005357         0   0.62578E-03  466017.7 3761967.7   248.4     3.40     4.51
3.16     YES                    NO
 L0005358         0   0.62578E-03  466026.5 3761963.8   248.4     3.40     4.51
3.16     YES                    NO
 L0005359         0   0.62578E-03  466035.4 3761959.9   248.5     3.40     4.51
3.16     YES                    NO
 L0005360         0   0.62578E-03  466044.3 3761956.0   248.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0005361	0	0.62578E-03	466053.2	3761952.1	248.3	3.40	4.51	3.16	YES	NO	
L0005362	0	0.62578E-03	466062.0	3761948.2	248.1	3.40	4.51	3.16	YES	NO	
L0005363	0	0.62578E-03	466070.9	3761944.2	247.9	3.40	4.51	3.16	YES	NO	
L0005364	0	0.62578E-03	466079.8	3761940.3	247.8	3.40	4.51	3.16	YES	NO	
L0005365	0	0.62578E-03	466088.7	3761936.4	247.8	3.40	4.51	3.16	YES	NO	
L0005366	0	0.62578E-03	466097.5	3761932.5	247.8	3.40	4.51	3.16	YES	NO	
L0005367	0	0.62578E-03	466106.3	3761928.3	247.8	3.40	4.51	3.16	YES	NO	
L0005368	0	0.62578E-03	466114.9	3761923.9	247.8	3.40	4.51	3.16	YES	NO	
L0005369	0	0.62578E-03	466123.6	3761919.5	247.7	3.40	4.51	3.16	YES	NO	
L0005370	0	0.62578E-03	466132.2	3761915.2	247.7	3.40	4.51	3.16	YES	NO	
L0005371	0	0.62578E-03	466140.9	3761910.8	247.7	3.40	4.51	3.16	YES	NO	
L0005372	0	0.62578E-03	466149.5	3761906.4	247.7	3.40	4.51	3.16	YES	NO	
L0005373	0	0.62578E-03	466158.2	3761902.0	247.7	3.40	4.51	3.16	YES	NO	
L0005374	0	0.62578E-03	466166.9	3761897.6	247.7	3.40	4.51	3.16	YES	NO	
L0005375	0	0.62578E-03	466175.5	3761893.3	247.5	3.40	4.51	3.16	YES	NO	
L0005376	0	0.62578E-03	466184.2	3761888.9	247.8	3.40	4.51	3.16	YES	NO	
L0005377	0	0.62578E-03	466192.8	3761884.5	248.0	3.40	4.51	3.16	YES	NO	
L0005378	0	0.62578E-03	466201.5	3761880.1	248.0	3.40	4.51	3.16	YES	NO	
L0005379	0	0.62578E-03	466210.1	3761875.7	248.1	3.40	4.51				

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3.16     YES                    NO
 L0005380         0   0.62578E-03  466218.8 3761871.4   248.1     3.40     4.51
3.16     YES                    NO
 L0005381         0   0.62578E-03  466227.4 3761867.0   247.9     3.40     4.51
3.16     YES                    NO
 L0005382         0   0.62578E-03  466236.1 3761862.6   247.9     3.40     4.51
3.16     YES                    NO
 L0005383         0   0.62578E-03  466244.8 3761858.2   248.3     3.40     4.51
3.16     YES                    NO
 L0005384         0   0.62578E-03  466253.4 3761853.9   248.5     3.40     4.51
3.16     YES                    NO
 L0005385         0   0.62578E-03  466262.1 3761849.5   248.7     3.40     4.51
3.16     YES                    NO
 L0005386         0   0.62578E-03  466270.7 3761845.1   248.7     3.40     4.51
3.16     YES                    NO
 L0005387         0   0.62578E-03  466279.4 3761840.7   248.5     3.40     4.51
3.16     YES                    NO
 L0005388         0   0.62578E-03  466288.0 3761836.3   248.4     3.40     4.51
3.16     YES                    NO
 L0005389         0   0.62578E-03  466296.7 3761832.0   248.3     3.40     4.51
3.16     YES                    NO
 L0005390         0   0.62578E-03  466305.3 3761827.6   248.7     3.40     4.51
3.16     YES                    NO
 L0005391         0   0.62578E-03  466314.0 3761823.2   249.2     3.40     4.51
3.16     YES                    NO
 L0005392         0   0.62578E-03  466322.6 3761818.8   249.4     3.40     4.51
3.16     YES                    NO
 L0005393         0   0.62578E-03  466331.3 3761814.4   249.4     3.40     4.51
3.16     YES                    NO
 L0005394         0   0.62578E-03  466340.0 3761810.1   249.4     3.40     4.51
3.16     YES                    NO
 L0005395         0   0.62578E-03  466348.6 3761805.7   249.3     3.40     4.51
3.16     YES                    NO
 L0005396         0   0.62578E-03  466357.3 3761801.3   249.1     3.40     4.51
3.16     YES                    NO
 L0005397         0   0.62578E-03  466365.9 3761796.9   249.6     3.40     4.51
3.16     YES                    NO
 L0005398         0   0.62578E-03  466374.6 3761792.5   250.1     3.40     4.51
3.16     YES                    NO
 L0005399         0   0.62578E-03  466383.2 3761788.2   250.4     3.40     4.51
3.16     YES                    NO
 L0005400         0   0.62578E-03  466391.9 3761783.8   250.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0005401	0	0.62578E-03	466400.5	3761779.4	250.8	3.40	4.51	3.16	YES	NO	
L0005402	0	0.62578E-03	466409.2	3761774.9	250.7	3.40	4.51	3.16	YES	NO	
L0005403	0	0.62578E-03	466417.8	3761770.5	250.7	3.40	4.51	3.16	YES	NO	
L0005404	0	0.62578E-03	466426.4	3761766.1	251.1	3.40	4.51	3.16	YES	NO	
L0005405	0	0.62578E-03	466435.1	3761761.7	251.7	3.40	4.51	3.16	YES	NO	
L0005406	0	0.62578E-03	466443.7	3761757.3	252.2	3.40	4.51	3.16	YES	NO	
L0005407	0	0.62578E-03	466452.3	3761752.8	252.4	3.40	4.51	3.16	YES	NO	
L0005408	0	0.62578E-03	466461.0	3761748.4	252.4	3.40	4.51	3.16	YES	NO	
L0005409	0	0.62578E-03	466469.6	3761744.0	252.4	3.40	4.51	3.16	YES	NO	
L0005410	0	0.62578E-03	466478.2	3761739.6	252.4	3.40	4.51	3.16	YES	NO	
L0005411	0	0.62578E-03	466486.9	3761735.2	252.7	3.40	4.51	3.16	YES	NO	
L0005412	0	0.62578E-03	466495.5	3761730.7	253.2	3.40	4.51	3.16	YES	NO	
L0005413	0	0.62578E-03	466504.1	3761726.3	253.5	3.40	4.51	3.16	YES	NO	
L0005414	0	0.62578E-03	466512.8	3761721.9	253.7	3.40	4.51	3.16	YES	NO	
L0005415	0	0.62578E-03	466521.4	3761717.5	254.0	3.40	4.51	3.16	YES	NO	
L0005416	0	0.62578E-03	466530.0	3761713.1	254.1	3.40	4.51	3.16	YES	NO	
L0005417	0	0.62578E-03	466538.7	3761708.7	254.2	3.40	4.51	3.16	YES	NO	
L0005418	0	0.62578E-03	466547.3	3761704.2	254.6	3.40	4.51	3.16	YES	NO	
L0005419	0	0.62578E-03	466555.9	3761699.8	255.0	3.40	4.51				

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3.16     YES                    NO
 L0005420         0   0.62578E-03  466564.6 3761695.4   255.4     3.40     4.51
3.16     YES                    NO
 L0005421         0   0.62578E-03  466573.2 3761691.0   255.9     3.40     4.51
3.16     YES                    NO
 L0005422         0   0.62578E-03  466581.9 3761686.6   256.1     3.40     4.51
3.16     YES                    NO
 L0005423         0   0.62578E-03  466590.5 3761682.1   256.4     3.40     4.51
3.16     YES                    NO
 L0005424         0   0.62578E-03  466599.1 3761677.7   256.5     3.40     4.51
3.16     YES                    NO
 L0005425         0   0.62578E-03  466607.8 3761673.3   256.8     3.40     4.51
3.16     YES                    NO
 L0005426         0   0.62578E-03  466616.4 3761668.9   257.3     3.40     4.51
3.16     YES                    NO
 L0005427         0   0.62578E-03  466625.0 3761664.5   257.7     3.40     4.51
3.16     YES                    NO
 L0005428         0   0.62578E-03  466633.7 3761660.0   258.0     3.40     4.51
3.16     YES                    NO
 L0005429         0   0.62578E-03  466642.3 3761655.6   258.2     3.40     4.51
3.16     YES                    NO
 L0005430         0   0.62578E-03  466650.9 3761651.2   258.3     3.40     4.51
3.16     YES                    NO
 L0005431         0   0.62578E-03  466659.6 3761646.8   258.5     3.40     4.51
3.16     YES                    NO
 L0005432         0   0.62578E-03  466668.2 3761642.4   258.8     3.40     4.51
3.16     YES                    NO
 L0005433         0   0.62578E-03  466676.8 3761637.9   259.2     3.40     4.51
3.16     YES                    NO
 L0005434         0   0.62578E-03  466685.5 3761633.5   259.5     3.40     4.51
3.16     YES                    NO
 L0005435         0   0.62578E-03  466694.1 3761629.1   259.8     3.40     4.51
3.16     YES                    NO
 L0005436         0   0.62578E-03  466702.7 3761624.7   260.0     3.40     4.51
3.16     YES                    NO
 L0005437         0   0.62578E-03  466711.4 3761620.3   260.3     3.40     4.51
3.16     YES                    NO
 L0005438         0   0.62578E-03  466720.0 3761615.8   260.6     3.40     4.51
3.16     YES                    NO
 L0005439         0   0.62578E-03  466728.6 3761611.4   260.9     3.40     4.51
3.16     YES                    NO
 L0005440         0   0.62578E-03  466737.3 3761607.0   261.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0005441	0	0.62578E-03	466745.9	3761602.6	261.4	3.40	4.51	3.16	YES	NO
L0005442	0	0.62578E-03	466754.5	3761598.2	261.7	3.40	4.51	3.16	YES	NO
L0005443	0	0.62578E-03	466763.2	3761593.8	262.0	3.40	4.51	3.16	YES	NO
L0005444	0	0.62578E-03	466771.8	3761589.3	262.3	3.40	4.51	3.16	YES	NO
L0005445	0	0.62578E-03	466780.5	3761584.9	262.7	3.40	4.51	3.16	YES	NO
L0005446	0	0.62578E-03	466789.1	3761580.5	263.0	3.40	4.51	3.16	YES	NO
L0005447	0	0.62578E-03	466797.7	3761576.1	263.3	3.40	4.51	3.16	YES	NO
L0005448	0	0.62578E-03	466806.4	3761571.7	263.6	3.40	4.51	3.16	YES	NO
L0005449	0	0.62578E-03	466815.0	3761567.2	263.9	3.40	4.51	3.16	YES	NO
L0005450	0	0.62578E-03	466823.6	3761562.8	264.2	3.40	4.51	3.16	YES	NO
L0005451	0	0.62578E-03	466832.3	3761558.4	264.6	3.40	4.51	3.16	YES	NO
L0005452	0	0.62578E-03	466840.9	3761554.0	264.9	3.40	4.51	3.16	YES	NO
L0005453	0	0.62578E-03	466849.5	3761549.6	265.2	3.40	4.51	3.16	YES	NO
L0005454	0	0.62578E-03	466858.2	3761545.1	265.5	3.40	4.51	3.16	YES	NO
L0005455	0	0.62578E-03	466866.8	3761540.7	265.8	3.40	4.51	3.16	YES	NO
L0005456	0	0.62578E-03	466875.4	3761536.3	266.1	3.40	4.51	3.16	YES	NO
L0005457	0	0.62578E-03	466884.1	3761531.9	266.4	3.40	4.51	3.16	YES	NO
L0005458	0	0.62578E-03	466892.7	3761527.5	266.8	3.40	4.51	3.16	YES	NO
L0005459	0	0.62578E-03	466901.3	3761523.0	267.1	3.40	4.51			

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3.16     YES                    NO
 L0005460         0   0.62578E-03  466910.0 3761518.6   267.4     3.40     4.51
3.16     YES                    NO
 L0005461         0   0.62578E-03  466918.6 3761514.2   267.7     3.40     4.51
3.16     YES                    NO
 L0005462         0   0.62578E-03  466927.2 3761509.8   267.9     3.40     4.51
3.16     YES                    NO
 L0005463         0   0.62578E-03  466935.9 3761505.4   268.2     3.40     4.51
3.16     YES                    NO
 L0005464         0   0.62578E-03  466944.5 3761500.9   268.6     3.40     4.51
3.16     YES                    NO
 L0005465         0   0.62578E-03  466953.1 3761496.5   268.4     3.40     4.51
3.16     YES                    NO
 L0005466         0   0.62578E-03  466961.8 3761492.1   268.2     3.40     4.51
3.16     YES                    NO
 L0005467         0   0.62578E-03  466970.4 3761487.7   267.7     3.40     4.51
3.16     YES                    NO
 L0005468         0   0.62578E-03  466979.1 3761483.3   266.3     3.40     4.51
3.16     YES                    NO
 L0005469         0   0.62578E-03  466987.7 3761478.8   265.1     3.40     4.51
3.16     YES                    NO
 L0005470         0   0.62578E-03  466996.3 3761474.4   264.2     3.40     4.51
3.16     YES                    NO
 L0005471         0   0.62578E-03  467005.0 3761470.0   264.5     3.40     4.51
3.16     YES                    NO
 L0005472         0   0.62578E-03  467013.6 3761465.6   264.9     3.40     4.51
3.16     YES                    NO
 L0005473         0   0.62578E-03  467022.2 3761461.2   265.7     3.40     4.51
3.16     YES                    NO
 L0005474         0   0.62578E-03  467030.9 3761456.8   267.6     3.40     4.51
3.16     YES                    NO
 L0005475         0   0.62578E-03  467039.5 3761452.3   269.6     3.40     4.51
3.16     YES                    NO
 L0005476         0   0.62578E-03  467048.1 3761447.9   271.2     3.40     4.51
3.16     YES                    NO
 L0005477         0   0.62578E-03  467056.8 3761443.5   271.9     3.40     4.51
3.16     YES                    NO
 L0005478         0   0.62578E-03  467065.4 3761439.1   272.5     3.40     4.51
3.16     YES                    NO
 L0005479         0   0.62578E-03  467074.0 3761434.7   273.0     3.40     4.51
3.16     YES                    NO
 L0005480         0   0.62578E-03  467082.7 3761430.2   273.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0005481	0	0.62578E-03	467091.3	3761425.8	273.8	3.40	4.51	3.16	YES	NO
L0005482	0	0.62578E-03	467099.9	3761421.4	274.1	3.40	4.51	3.16	YES	NO
L0005483	0	0.62578E-03	467108.6	3761417.0	274.3	3.40	4.51	3.16	YES	NO
L0005484	0	0.62578E-03	467117.2	3761412.6	274.7	3.40	4.51	3.16	YES	NO
L0005485	0	0.62578E-03	467125.8	3761408.1	275.0	3.40	4.51	3.16	YES	NO
L0005486	0	0.62578E-03	467134.5	3761403.7	275.4	3.40	4.51	3.16	YES	NO
L0005487	0	0.62578E-03	467143.1	3761399.3	275.7	3.40	4.51	3.16	YES	NO
L0005488	0	0.62578E-03	467151.8	3761394.9	276.1	3.40	4.51	3.16	YES	NO
L0005489	0	0.62578E-03	467160.4	3761390.5	276.3	3.40	4.51	3.16	YES	NO
L0005490	0	0.62578E-03	467169.0	3761386.0	276.5	3.40	4.51	3.16	YES	NO
L0005491	0	0.62578E-03	467177.7	3761381.6	276.7	3.40	4.51	3.16	YES	NO
L0005492	0	0.62578E-03	467186.3	3761377.2	276.9	3.40	4.51	3.16	YES	NO
L0005493	0	0.62578E-03	467194.9	3761372.8	277.2	3.40	4.51	3.16	YES	NO
L0005494	0	0.62578E-03	467203.6	3761368.4	277.5	3.40	4.51	3.16	YES	NO
L0005495	0	0.62578E-03	467212.2	3761363.9	277.7	3.40	4.51	3.16	YES	NO
L0005496	0	0.62578E-03	467220.8	3761359.5	277.7	3.40	4.51	3.16	YES	NO
L0005497	0	0.62578E-03	467229.5	3761355.1	277.2	3.40	4.51	3.16	YES	NO
L0005498	0	0.62578E-03	467238.1	3761350.7	275.8	3.40	4.51	3.16	YES	NO
L0005499	0	0.62578E-03	467246.7	3761346.3	274.2	3.40	4.51			

3.16   YES   NO
 L0005500   0   0.62578E-03 467255.4 3761341.9   272.7   3.40   4.51
3.16   YES   NO
 L0005501   0   0.62578E-03 467264.0 3761337.4   271.7   3.40   4.51
3.16   YES   NO
 L0005502   0   0.62578E-03 467272.6 3761333.0   271.2   3.40   4.51
3.16   YES   NO
 L0005503   0   0.62578E-03 467281.3 3761328.6   272.2   3.40   4.51
3.16   YES   NO
 L0005504   0   0.62578E-03 467289.9 3761324.2   274.2   3.40   4.51
3.16   YES   NO
 L0005505   0   0.62578E-03 467298.5 3761319.8   276.2   3.40   4.51
3.16   YES   NO
 L0005506   0   0.62578E-03 467307.2 3761315.3   277.7   3.40   4.51
3.16   YES   NO
 L0005507   0   0.62578E-03 467315.8 3761310.9   278.5   3.40   4.51
3.16   YES   NO
 L0005508   0   0.62578E-03 467324.4 3761306.5   279.4   3.40   4.51
3.16   YES   NO
 L0005509   0   0.62578E-03 467333.1 3761302.1   279.7   3.40   4.51
3.16   YES   NO
 L0005510   0   0.62578E-03 467341.3 3761297.0   279.4   3.40   4.51
3.16   YES   NO
 L0005511   0   0.62578E-03 467349.4 3761291.6   279.4   3.40   4.51
3.16   YES   NO
 L0005512   0   0.62578E-03 467357.4 3761286.2   279.5   3.40   4.51
3.16   YES   NO
 L0005513   0   0.62578E-03 467365.5 3761280.8   279.7   3.40   4.51
3.16   YES   NO
 L0005514   0   0.62578E-03 467373.6 3761275.4   280.2   3.40   4.51
3.16   YES   NO
 L0005515   0   0.62578E-03 467381.6 3761270.0   280.5   3.40   4.51
3.16   YES   NO
 L0005516   0   0.62578E-03 467389.7 3761264.6   280.3   3.40   4.51
3.16   YES   NO
 L0005517   0   0.62578E-03 467397.7 3761259.2   280.2   3.40   4.51
3.16   YES   NO
 L0005518   0   0.62578E-03 467405.8 3761253.8   280.4   3.40   4.51
3.16   YES   NO
 L0005519   0   0.62578E-03 467413.9 3761248.4   280.5   3.40   4.51
3.16   YES   NO
 L0005520   0   0.62578E-03 467421.9 3761243.0   281.0   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0005521	0	0.62578E-03	467430.0	3761237.6	281.1	3.40	4.51	3.16	YES	NO
L0005522	0	0.62578E-03	467438.1	3761232.3	280.9	3.40	4.51	3.16	YES	NO
L0005523	0	0.62578E-03	467446.1	3761226.9	280.8	3.40	4.51	3.16	YES	NO
L0005524	0	0.62578E-03	467454.2	3761221.5	280.9	3.40	4.51	3.16	YES	NO
L0005525	0	0.62578E-03	467462.3	3761216.1	281.1	3.40	4.51	3.16	YES	NO
L0005526	0	0.62578E-03	467470.3	3761210.7	281.4	3.40	4.51	3.16	YES	NO
L0005527	0	0.62578E-03	467478.4	3761205.3	281.4	3.40	4.51	3.16	YES	NO
L0005528	0	0.62578E-03	467486.5	3761199.9	281.2	3.40	4.51	3.16	YES	NO
L0005529	0	0.62578E-03	467494.5	3761194.5	281.1	3.40	4.51	3.16	YES	NO
L0005530	0	0.62578E-03	467502.6	3761189.1	281.1	3.40	4.51	3.16	YES	NO
L0005531	0	0.62578E-03	467510.6	3761183.7	281.3	3.40	4.51	3.16	YES	NO
L0005532	0	0.62578E-03	467518.7	3761178.3	281.4	3.40	4.51	3.16	YES	NO
L0005533	0	0.62578E-03	467526.8	3761173.0	281.1	3.40	4.51	3.16	YES	NO
L0005534	0	0.62578E-03	467534.8	3761167.6	280.9	3.40	4.51	3.16	YES	NO
L0005535	0	0.62578E-03	467542.9	3761162.2	280.5	3.40	4.51	3.16	YES	NO
L0005536	0	0.62578E-03	467551.0	3761156.8	280.4	3.40	4.51	3.16	YES	NO
L0005537	0	0.62578E-03	467559.0	3761151.4	280.5	3.40	4.51	3.16	YES	NO
L0005538	0	0.62578E-03	467567.1	3761146.0	280.0	3.40	4.51	3.16	YES	NO
L0005539	0	0.62578E-03	467575.2	3761140.6	279.3	3.40	4.51			

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3.16     YES                    NO
 L0005540         0   0.62578E-03  467583.2 3761135.2   278.9     3.40     4.51
3.16     YES                    NO
 L0005541         0   0.62578E-03  467591.3 3761129.8   278.3     3.40     4.51
3.16     YES                    NO
 L0005542         0   0.62578E-03  467599.3 3761124.4   278.0     3.40     4.51
3.16     YES                    NO
 L0005543         0   0.62578E-03  467607.4 3761119.0   278.0     3.40     4.51
3.16     YES                    NO
 L0005544         0   0.62578E-03  467615.5 3761113.7   278.9     3.40     4.51
3.16     YES                    NO
 L0005545         0   0.62578E-03  467623.5 3761108.3   280.0     3.40     4.51
3.16     YES                    NO
 L0005546         0   0.62578E-03  467631.6 3761102.9   281.1     3.40     4.51
3.16     YES                    NO
 L0005547         0   0.62578E-03  467639.7 3761097.5   282.3     3.40     4.51
3.16     YES                    NO
 L0005548         0   0.62578E-03  467647.7 3761092.1   283.4     3.40     4.51
3.16     YES                    NO
 L0005549         0   0.62578E-03  467655.8 3761086.7   284.5     3.40     4.51
3.16     YES                    NO
 L0005550         0   0.62578E-03  467663.9 3761081.3   284.7     3.40     4.51
3.16     YES                    NO
 L0005551         0   0.62578E-03  467671.9 3761075.9   284.7     3.40     4.51
3.16     YES                    NO
 L0005552         0   0.62578E-03  467680.0 3761070.5   285.0     3.40     4.51
3.16     YES                    NO
 L0005553         0   0.62578E-03  467688.0 3761065.1   285.5     3.40     4.51
3.16     YES                    NO
 L0005554         0   0.62578E-03  467696.1 3761059.7   285.7     3.40     4.51
3.16     YES                    NO
 L0005555         0   0.62578E-03  467704.2 3761054.3   286.0     3.40     4.51
3.16     YES                    NO
 L0005556         0   0.62578E-03  467712.2 3761049.0   286.1     3.40     4.51
3.16     YES                    NO
 L0005557         0   0.62578E-03  467720.3 3761043.6   286.1     3.40     4.51
3.16     YES                    NO
 L0005558         0   0.62578E-03  467728.4 3761038.2   286.3     3.40     4.51
3.16     YES                    NO
 L0005559         0   0.62578E-03  467736.4 3761032.8   286.9     3.40     4.51
3.16     YES                    NO
 L0005560         0   0.62578E-03  467744.5 3761027.4   286.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0005561	0	0.62578E-03	467752.6	3761022.0	286.5	3.40	4.51	3.16	YES	NO
L0005562	0	0.62578E-03	467760.6	3761016.5	285.9	3.40	4.51	3.16	YES	NO
L0005563	0	0.62578E-03	467766.6	3761009.0	285.5	3.40	4.51	3.16	YES	NO
L0005564	0	0.62578E-03	467772.6	3761001.4	284.6	3.40	4.51	3.16	YES	NO
L0005565	0	0.62578E-03	467778.7	3760993.8	283.5	3.40	4.51	3.16	YES	NO
L0005566	0	0.62578E-03	467784.7	3760986.2	282.2	3.40	4.51	3.16	YES	NO
L0005567	0	0.62578E-03	467790.8	3760978.6	281.2	3.40	4.51	3.16	YES	NO
L0005568	0	0.62578E-03	467796.8	3760971.0	281.1	3.40	4.51	3.16	YES	NO
L0005569	0	0.62578E-03	467802.9	3760963.4	281.1	3.40	4.51	3.16	YES	NO
L0005570	0	0.62578E-03	467808.9	3760955.8	281.1	3.40	4.51	3.16	YES	NO
L0005571	0	0.62578E-03	467814.9	3760948.2	281.1	3.40	4.51	3.16	YES	NO
L0005572	0	0.62578E-03	467821.0	3760940.7	281.3	3.40	4.51	3.16	YES	NO
L0005573	0	0.62578E-03	467827.0	3760933.1	281.6	3.40	4.51	3.16	YES	NO
L0005574	0	0.62578E-03	467833.1	3760925.5	282.1	3.40	4.51	3.16	YES	NO
L0005575	0	0.62578E-03	467839.1	3760917.9	282.6	3.40	4.51	3.16	YES	NO
L0005576	0	0.62578E-03	467845.2	3760910.3	283.6	3.40	4.51	3.16	YES	NO
L0005577	0	0.62578E-03	467851.2	3760902.7	284.9	3.40	4.51	3.16	YES	NO
L0005578	0	0.62578E-03	467857.2	3760895.1	286.3	3.40	4.51	3.16	YES	NO
L0005579	0	0.62578E-03	467863.3	3760887.5	287.6	3.40	4.51			

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3.16     YES                    NO
 L0005580         0   0.62578E-03  467869.3 3760880.0   288.3     3.40     4.51
3.16     YES                    NO
 L0005581         0   0.62578E-03  467875.4 3760872.4   288.6     3.40     4.51
3.16     YES                    NO
 L0005582         0   0.62578E-03  467881.4 3760864.8   288.7     3.40     4.51
3.16     YES                    NO
 L0005583         0   0.62578E-03  467887.4 3760857.2   288.8     3.40     4.51
3.16     YES                    NO
 L0005584         0   0.62578E-03  467893.5 3760849.6   289.0     3.40     4.51
3.16     YES                    NO
 L0005585         0   0.62578E-03  467899.5 3760842.0   288.9     3.40     4.51
3.16     YES                    NO
 L0005586         0   0.62578E-03  467905.6 3760834.4   288.8     3.40     4.51
3.16     YES                    NO
 L0005587         0   0.62578E-03  467911.6 3760826.8   288.7     3.40     4.51
3.16     YES                    NO
 L0005588         0   0.62578E-03  467917.7 3760819.3   288.9     3.40     4.51
3.16     YES                    NO
 L0005589         0   0.62578E-03  467923.7 3760811.7   288.9     3.40     4.51
3.16     YES                    NO
 L0005590         0   0.62578E-03  467929.7 3760804.1   288.8     3.40     4.51
3.16     YES                    NO
 L0005591         0   0.62578E-03  467935.8 3760796.5   288.7     3.40     4.51
3.16     YES                    NO
 L0005592         0   0.62578E-03  467941.8 3760788.9   288.8     3.40     4.51
3.16     YES                    NO
 L0005593         0   0.62578E-03  467947.9 3760781.3   288.9     3.40     4.51
3.16     YES                    NO
 L0005594         0   0.62578E-03  467953.9 3760773.7   288.8     3.40     4.51
3.16     YES                    NO
 L0005595         0   0.62578E-03  467960.0 3760766.1   288.7     3.40     4.51
3.16     YES                    NO
 L0005596         0   0.62578E-03  467966.0 3760758.5   288.8     3.40     4.51
3.16     YES                    NO
 L0005597         0   0.62578E-03  467972.0 3760751.0   288.9     3.40     4.51
3.16     YES                    NO
 L0005598         0   0.62578E-03  467978.1 3760743.4   288.8     3.40     4.51
3.16     YES                    NO
 L0005599         0   0.62578E-03  467984.1 3760735.8   288.7     3.40     4.51
3.16     YES                    NO
 L0005600         0   0.62578E-03  467990.2 3760728.2   288.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0005601	0	0.62578E-03	467996.2	3760720.6	288.8	3.40	4.51	3.16	YES	NO
L0005602	0	0.62578E-03	468002.3	3760713.0	288.8	3.40	4.51	3.16	YES	NO
L0005603	0	0.62578E-03	468008.3	3760705.4	288.7	3.40	4.51	3.16	YES	NO
L0005604	0	0.62578E-03	468014.3	3760697.8	288.7	3.40	4.51	3.16	YES	NO
L0005605	0	0.62578E-03	468020.4	3760690.3	288.8	3.40	4.51	3.16	YES	NO
L0005606	0	0.62578E-03	468026.4	3760682.7	288.8	3.40	4.51	3.16	YES	NO
L0005607	0	0.62578E-03	468032.5	3760675.1	288.7	3.40	4.51	3.16	YES	NO
L0005608	0	0.62578E-03	468038.5	3760667.5	288.7	3.40	4.51	3.16	YES	NO
L0005609	0	0.62578E-03	468044.6	3760659.9	288.7	3.40	4.51	3.16	YES	NO
L0005610	0	0.62578E-03	468050.6	3760652.3	288.7	3.40	4.51	3.16	YES	NO
L0005611	0	0.62578E-03	468056.6	3760644.7	288.6	3.40	4.51	3.16	YES	NO
L0005612	0	0.62578E-03	468062.7	3760637.1	288.6	3.40	4.51	3.16	YES	NO
L0005613	0	0.62578E-03	468068.7	3760629.5	288.6	3.40	4.51	3.16	YES	NO
L0005614	0	0.62578E-03	468074.8	3760622.0	288.6	3.40	4.51	3.16	YES	NO
L0005615	0	0.62578E-03	468080.8	3760614.4	288.6	3.40	4.51	3.16	YES	NO
L0005616	0	0.62578E-03	468086.8	3760606.8	288.5	3.40	4.51	3.16	YES	NO
L0005617	0	0.62578E-03	468092.9	3760599.2	288.5	3.40	4.51	3.16	YES	NO
L0005618	0	0.62578E-03	468098.9	3760591.6	288.5	3.40	4.51	3.16	YES	NO
L0005619	0	0.62578E-03	468105.0	3760584.0	288.4	3.40	4.51			

3.16   YES   NO
 L0005620   0   0.62578E-03 468111.0 3760576.4   288.4   3.40   4.51
3.16   YES   NO
 L0005621   0   0.62578E-03 468117.1 3760568.8   288.4   3.40   4.51
3.16   YES   NO
 L0005622   0   0.62578E-03 468123.1 3760561.3   288.4   3.40   4.51
3.16   YES   NO
 L0005623   0   0.62578E-03 468129.1 3760553.7   288.3   3.40   4.51
3.16   YES   NO
 L0005624   0   0.62578E-03 468135.2 3760546.1   288.3   3.40   4.51
3.16   YES   NO
 L0005625   0   0.62578E-03 468141.2 3760538.5   288.3   3.40   4.51
3.16   YES   NO
 L0005626   0   0.62578E-03 468147.3 3760530.9   288.2   3.40   4.51
3.16   YES   NO
 L0005627   0   0.62578E-03 468153.3 3760523.3   288.2   3.40   4.51
3.16   YES   NO
 L0005628   0   0.62578E-03 468159.4 3760515.7   288.2   3.40   4.51
3.16   YES   NO
 L0005629   0   0.62578E-03 468165.4 3760508.1   288.1   3.40   4.51
3.16   YES   NO
 L0005630   0   0.62578E-03 468171.4 3760500.6   288.1   3.40   4.51
3.16   YES   NO
 L0005631   0   0.62578E-03 468177.5 3760493.0   288.1   3.40   4.51
3.16   YES   NO
 L0005632   0   0.62578E-03 468183.5 3760485.4   288.0   3.40   4.51
3.16   YES   NO
 L0005633   0   0.62578E-03 468189.6 3760477.8   288.0   3.40   4.51
3.16   YES   NO
 L0005634   0   0.62578E-03 468195.6 3760470.2   288.0   3.40   4.51
3.16   YES   NO
 L0005635   0   0.62578E-03 468201.7 3760462.6   288.0   3.40   4.51
3.16   YES   NO
 L0005636   0   0.62578E-03 468207.7 3760455.0   287.9   3.40   4.51
3.16   YES   NO
 L0005637   0   0.62578E-03 468213.7 3760447.4   287.9   3.40   4.51
3.16   YES   NO
 L0005638   0   0.62578E-03 468219.8 3760439.8   287.9   3.40   4.51
3.16   YES   NO
 L0005639   0   0.62578E-03 468225.8 3760432.3   287.9   3.40   4.51
3.16   YES   NO
 L0005640   0   0.62578E-03 468231.9 3760424.7   287.9   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0005641	0	0.62578E-03	468237.9	3760417.1	287.9	3.40	4.51	3.16	YES	NO	
L0005642	0	0.62578E-03	468244.0	3760409.5	287.8	3.40	4.51	3.16	YES	NO	
L0005643	0	0.62578E-03	468250.0	3760401.9	287.9	3.40	4.51	3.16	YES	NO	
L0005644	0	0.62578E-03	468256.5	3760394.7	287.9	3.40	4.51	3.16	YES	NO	
L0005645	0	0.62578E-03	468263.1	3760387.6	287.9	3.40	4.51	3.16	YES	NO	
L0005646	0	0.62578E-03	468269.6	3760380.4	287.8	3.40	4.51	3.16	YES	NO	
L0005647	0	0.62578E-03	468276.2	3760373.3	287.8	3.40	4.51	3.16	YES	NO	
L0005648	0	0.62578E-03	468282.7	3760366.1	288.0	3.40	4.51	3.16	YES	NO	
L0005649	0	0.62578E-03	468289.3	3760359.0	288.0	3.40	4.51	3.16	YES	NO	
L0005650	0	0.62578E-03	468295.8	3760351.8	287.9	3.40	4.51	3.16	YES	NO	
L0005651	0	0.62578E-03	468302.4	3760344.6	287.8	3.40	4.51	3.16	YES	NO	
L0005652	0	0.62578E-03	468308.9	3760337.5	288.2	3.40	4.51	3.16	YES	NO	
L0005653	0	0.62578E-03	468315.5	3760330.3	288.3	3.40	4.51	3.16	YES	NO	
L0005654	0	0.62578E-03	468322.0	3760323.2	288.1	3.40	4.51	3.16	YES	NO	
L0005655	0	0.62578E-03	468328.6	3760316.0	287.9	3.40	4.51	3.16	YES	NO	
L0005656	0	0.62578E-03	468335.1	3760308.9	288.4	3.40	4.51	3.16	YES	NO	
L0005657	0	0.62578E-03	468341.7	3760301.7	288.6	3.40	4.51	3.16	YES	NO	
L0005658	0	0.62578E-03	468348.2	3760294.6	288.6	3.40	4.51	3.16	YES	NO	
L0005659	0	0.62578E-03	468354.8	3760287.4	288.6	3.40	4.51				

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3.16     YES                    NO
 L0005660         0   0.62578E-03  468361.3 3760280.3   288.8     3.40     4.51
3.16     YES                    NO
 L0005661         0   0.62578E-03  468367.9 3760273.1   289.1     3.40     4.51
3.16     YES                    NO
 L0005662         0   0.62578E-03  468374.4 3760266.0   289.2     3.40     4.51
3.16     YES                    NO
 L0005663         0   0.62578E-03  468381.0 3760258.8   289.3     3.40     4.51
3.16     YES                    NO
 L0005664         0   0.62578E-03  468387.5 3760251.6   289.4     3.40     4.51
3.16     YES                    NO
 L0005665         0   0.62578E-03  468394.1 3760244.5   289.6     3.40     4.51
3.16     YES                    NO
 L0005666         0   0.62578E-03  468400.6 3760237.3   289.7     3.40     4.51
3.16     YES                    NO
 L0005667         0   0.62578E-03  468407.2 3760230.2   289.9     3.40     4.51
3.16     YES                    NO
 L0005668         0   0.62578E-03  468413.7 3760223.0   290.0     3.40     4.51
3.16     YES                    NO
 L0005669         0   0.62578E-03  468420.3 3760215.9   290.2     3.40     4.51
3.16     YES                    NO
 L0005670         0   0.62578E-03  468426.8 3760208.7   290.4     3.40     4.51
3.16     YES                    NO
 L0005671         0   0.62578E-03  468433.4 3760201.6   290.6     3.40     4.51
3.16     YES                    NO
 L0005672         0   0.62578E-03  468439.9 3760194.4   290.7     3.40     4.51
3.16     YES                    NO
 L0005673         0   0.62578E-03  468446.5 3760187.3   290.9     3.40     4.51
3.16     YES                    NO
 L0005674         0   0.62578E-03  468453.0 3760180.1   291.0     3.40     4.51
3.16     YES                    NO
 L0005675         0   0.62578E-03  468459.6 3760173.0   291.3     3.40     4.51
3.16     YES                    NO
 L0005676         0   0.62578E-03  468466.1 3760165.8   291.5     3.40     4.51
3.16     YES                    NO
 L0005677         0   0.62578E-03  468472.7 3760158.6   291.5     3.40     4.51
3.16     YES                    NO
 L0005678         0   0.62578E-03  468479.2 3760151.5   291.7     3.40     4.51
3.16     YES                    NO
 L0005679         0   0.62578E-03  468485.8 3760144.3   292.1     3.40     4.51
3.16     YES                    NO
 L0005680         0   0.62578E-03  468492.3 3760137.2   292.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0005681	0	0.62578E-03	468498.9	3760130.0	292.3	3.40	4.51	3.16	YES	NO
L0005682	0	0.62578E-03	468505.4	3760122.9	292.4	3.40	4.51	3.16	YES	NO
L0005683	0	0.62578E-03	468512.0	3760115.7	292.9	3.40	4.51	3.16	YES	NO
L0005684	0	0.62578E-03	468518.5	3760108.6	293.2	3.40	4.51	3.16	YES	NO
L0005685	0	0.62578E-03	468525.1	3760101.4	293.1	3.40	4.51	3.16	YES	NO
L0005686	0	0.62578E-03	468531.6	3760094.3	293.3	3.40	4.51	3.16	YES	NO
L0005687	0	0.62578E-03	468538.2	3760087.1	293.9	3.40	4.51	3.16	YES	NO
L0005688	0	0.62578E-03	468544.7	3760080.0	294.1	3.40	4.51	3.16	YES	NO
L0005689	0	0.62578E-03	468551.3	3760072.8	294.1	3.40	4.51	3.16	YES	NO
L0005690	0	0.62578E-03	468557.8	3760065.6	294.1	3.40	4.51	3.16	YES	NO
L0005691	0	0.62578E-03	468564.4	3760058.5	294.8	3.40	4.51	3.16	YES	NO
L0005692	0	0.62578E-03	468570.9	3760051.3	295.1	3.40	4.51	3.16	YES	NO
L0005693	0	0.62578E-03	468577.5	3760044.2	295.1	3.40	4.51	3.16	YES	NO
L0005694	0	0.62578E-03	468584.0	3760037.0	295.0	3.40	4.51	3.16	YES	NO
L0005695	0	0.62578E-03	468590.6	3760029.9	295.7	3.40	4.51	3.16	YES	NO
L0005696	0	0.62578E-03	468597.1	3760022.7	296.0	3.40	4.51	3.16	YES	NO
L0005697	0	0.62578E-03	468603.7	3760015.6	296.0	3.40	4.51	3.16	YES	NO
L0005698	0	0.62578E-03	468610.2	3760008.4	295.9	3.40	4.51	3.16	YES	NO
L0005699	0	0.62578E-03	468616.8	3760001.3	296.3	3.40	4.51			

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3.16     YES                    NO
 L0005700         0   0.62578E-03  468623.3 3759994.1   296.7     3.40     4.51
3.16     YES                    NO
 L0005701         0   0.62578E-03  468629.9 3759986.9   296.7     3.40     4.51
3.16     YES                    NO
 L0005702         0   0.62578E-03  468636.4 3759979.8   296.9     3.40     4.51
3.16     YES                    NO
 L0005703         0   0.62578E-03  468643.0 3759972.6   297.2     3.40     4.51
3.16     YES                    NO
 L0005704         0   0.62578E-03  468649.5 3759965.5   297.7     3.40     4.51
3.16     YES                    NO
 L0005705         0   0.62578E-03  468656.1 3759958.3   297.8     3.40     4.51
3.16     YES                    NO
 L0005706         0   0.62578E-03  468662.7 3759951.2   298.1     3.40     4.51
3.16     YES                    NO
 L0005707         0   0.62578E-03  468669.2 3759944.0   298.3     3.40     4.51
3.16     YES                    NO
 L0005708         0   0.62578E-03  468675.8 3759936.9   298.8     3.40     4.51
3.16     YES                    NO
 L0005709         0   0.62578E-03  468682.3 3759929.7   299.0     3.40     4.51
3.16     YES                    NO
 L0005710         0   0.62578E-03  468688.9 3759922.6   299.4     3.40     4.51
3.16     YES                    NO
 L0005711         0   0.62578E-03  468695.4 3759915.4   299.7     3.40     4.51
3.16     YES                    NO
 L0005712         0   0.62578E-03  468702.0 3759908.3   300.0     3.40     4.51
3.16     YES                    NO
 L0005713         0   0.62578E-03  468708.5 3759901.1   300.4     3.40     4.51
3.16     YES                    NO
 L0005714         0   0.62578E-03  468715.1 3759893.9   300.9     3.40     4.51
3.16     YES                    NO
 L0005715         0   0.62578E-03  468721.6 3759886.8   301.3     3.40     4.51
3.16     YES                    NO
 L0005716         0   0.62578E-03  468728.2 3759879.6   301.6     3.40     4.51
3.16     YES                    NO
 L0005717         0   0.62578E-03  468734.7 3759872.5   302.0     3.40     4.51
3.16     YES                    NO
 L0005718         0   0.62578E-03  468741.3 3759865.3   302.5     3.40     4.51
3.16     YES                    NO
 L0005719         0   0.62578E-03  468747.8 3759858.2   302.9     3.40     4.51
3.16     YES                    NO
 L0005720         0   0.62578E-03  468754.4 3759851.0   303.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0005721	0	0.62578E-03	468760.9	3759843.9	303.5	3.40	4.51	3.16	YES	NO	
L0005722	0	0.62578E-03	468767.5	3759836.7	303.9	3.40	4.51	3.16	YES	NO	
L0005723	0	0.62578E-03	468774.0	3759829.6	304.1	3.40	4.51	3.16	YES	NO	
L0005724	0	0.62578E-03	468780.6	3759822.4	304.2	3.40	4.51	3.16	YES	NO	
L0005725	0	0.62578E-03	468787.1	3759815.3	304.5	3.40	4.51	3.16	YES	NO	
L0005726	0	0.62578E-03	468793.7	3759808.1	304.9	3.40	4.51	3.16	YES	NO	
L0005727	0	0.62578E-03	468800.2	3759800.9	305.1	3.40	4.51	3.16	YES	NO	
L0005728	0	0.62578E-03	468806.8	3759793.8	305.3	3.40	4.51	3.16	YES	NO	
L0005729	0	0.62578E-03	468813.3	3759786.6	305.6	3.40	4.51	3.16	YES	NO	
L0005730	0	0.62578E-03	468819.9	3759779.5	306.0	3.40	4.51	3.16	YES	NO	
L0005731	0	0.62578E-03	468826.4	3759772.3	306.4	3.40	4.51	3.16	YES	NO	
L0005732	0	0.62578E-03	468833.0	3759765.2	306.7	3.40	4.51	3.16	YES	NO	
L0005733	0	0.62578E-03	468839.5	3759758.0	306.9	3.40	4.51	3.16	YES	NO	
L0005734	0	0.62578E-03	468846.1	3759750.9	307.3	3.40	4.51	3.16	YES	NO	
L0005735	0	0.62578E-03	468852.6	3759743.7	307.7	3.40	4.51	3.16	YES	NO	
L0005736	0	0.62578E-03	468859.2	3759736.6	308.1	3.40	4.51	3.16	YES	NO	
L0005737	0	0.62578E-03	468865.7	3759729.4	308.3	3.40	4.51	3.16	YES	NO	
L0005738	0	0.62578E-03	468872.3	3759722.3	308.5	3.40	4.51	3.16	YES	NO	
L0005739	0	0.62578E-03	468878.8	3759715.1	308.7	3.40	4.51				

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3.16     YES                    NO
 L0005740         0   0.62578E-03  468885.4 3759707.9   308.9     3.40     4.51
3.16     YES                    NO
 L0005741         0   0.62578E-03  468891.9 3759700.8   308.8     3.40     4.51
3.16     YES                    NO
 L0005742         0   0.62578E-03  468898.5 3759693.6   308.5     3.40     4.51
3.16     YES                    NO
 L0005743         0   0.62578E-03  468905.0 3759686.5   308.5     3.40     4.51
3.16     YES                    NO
 L0005744         0   0.62578E-03  468911.6 3759679.3   308.9     3.40     4.51
3.16     YES                    NO
 L0005745         0   0.62578E-03  468918.1 3759672.2   309.2     3.40     4.51
3.16     YES                    NO
 L0005746         0   0.62578E-03  468924.7 3759665.0   309.2     3.40     4.51
3.16     YES                    NO
 L0005747         0   0.62578E-03  468931.2 3759657.9   309.4     3.40     4.51
3.16     YES                    NO
 L0005748         0   0.62578E-03  468937.8 3759650.7   310.1     3.40     4.51
3.16     YES                    NO
 L0005749         0   0.62578E-03  468944.3 3759643.6   310.9     3.40     4.51
3.16     YES                    NO
 L0005750         0   0.62578E-03  468950.9 3759636.4   311.6     3.40     4.51
3.16     YES                    NO
 L0005751         0   0.62578E-03  468957.4 3759629.3   312.0     3.40     4.51
3.16     YES                    NO
 L0005752         0   0.62578E-03  468964.0 3759622.1   312.6     3.40     4.51
3.16     YES                    NO
 L0005753         0   0.62578E-03  468970.5 3759614.9   313.4     3.40     4.51
3.16     YES                    NO
 L0005754         0   0.62578E-03  468977.1 3759607.8   314.5     3.40     4.51
3.16     YES                    NO
 L0005755         0   0.62578E-03  468983.6 3759600.6   315.3     3.40     4.51
3.16     YES                    NO
 L0005756         0   0.62578E-03  468990.2 3759593.5   315.7     3.40     4.51
3.16     YES                    NO
 L0005757         0   0.62578E-03  468996.7 3759586.3   316.1     3.40     4.51
3.16     YES                    NO
 L0005758         0   0.62578E-03  469003.3 3759579.2   316.6     3.40     4.51
3.16     YES                    NO
 L0005759         0   0.62578E-03  469009.8 3759572.0   317.0     3.40     4.51
3.16     YES                    NO
 L0005760         0   0.62578E-03  469016.4 3759564.9   317.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0005761	0	0.62578E-03	469022.9	3759557.7	316.9	3.40	4.51	3.16	YES	NO	
L0005762	0	0.62578E-03	469029.5	3759550.6	316.5	3.40	4.51	3.16	YES	NO	
L0005763	0	0.62578E-03	469036.0	3759543.4	316.2	3.40	4.51	3.16	YES	NO	
L0005764	0	0.62578E-03	469042.6	3759536.2	315.4	3.40	4.51	3.16	YES	NO	
L0005765	0	0.62578E-03	469049.1	3759529.1	314.6	3.40	4.51	3.16	YES	NO	
L0005766	0	0.62578E-03	469055.7	3759521.9	313.9	3.40	4.51	3.16	YES	NO	
L0005767	0	0.62578E-03	469062.2	3759514.8	313.4	3.40	4.51	3.16	YES	NO	
L0005768	0	0.62578E-03	469068.8	3759507.6	313.7	3.40	4.51	3.16	YES	NO	
L0005769	0	0.62578E-03	469075.3	3759500.5	314.4	3.40	4.51	3.16	YES	NO	
L0005770	0	0.62578E-03	469081.9	3759493.3	314.8	3.40	4.51	3.16	YES	NO	
L0005771	0	0.62578E-03	469088.4	3759486.2	315.1	3.40	4.51	3.16	YES	NO	
L0005772	0	0.62578E-03	469095.0	3759479.0	315.3	3.40	4.51	3.16	YES	NO	
L0005773	0	0.62578E-03	469101.5	3759471.9	315.7	3.40	4.51	3.16	YES	NO	
L0005774	0	0.62578E-03	469108.1	3759464.7	315.9	3.40	4.51	3.16	YES	NO	
L0005775	0	0.62578E-03	469114.6	3759457.6	315.8	3.40	4.51	3.16	YES	NO	
L0005776	0	0.62578E-03	469120.9	3759450.2	315.8	3.40	4.51	3.16	YES	NO	
L0005777	0	0.62578E-03	469127.1	3759442.7	316.4	3.40	4.51	3.16	YES	NO	
L0005778	0	0.62578E-03	469133.3	3759435.2	316.7	3.40	4.51	3.16	YES	NO	
L0005779	0	0.62578E-03	469139.5	3759427.7	316.8	3.40	4.51				

3.16   YES   NO
 L0005780   0   0.62578E-03 469145.6 3759420.2   316.8   3.40   4.51
3.16   YES   NO
 L0005781   0   0.62578E-03 469151.8 3759412.8   317.3   3.40   4.51
3.16   YES   NO
 L0005782   0   0.62578E-03 469158.0 3759405.3   317.5   3.40   4.51
3.16   YES   NO
 L0005783   0   0.62578E-03 469164.2 3759397.8   317.3   3.40   4.51
3.16   YES   NO
 L0005784   0   0.62578E-03 469170.3 3759390.3   316.8   3.40   4.51
3.16   YES   NO
 L0005785   0   0.62578E-03 469176.5 3759382.9   316.9   3.40   4.51
3.16   YES   NO
 L0005786   0   0.62578E-03 469182.7 3759375.4   317.1   3.40   4.51
3.16   YES   NO
 L0005787   0   0.62578E-03 469188.9 3759367.9   317.0   3.40   4.51
3.16   YES   NO
 L0005788   0   0.62578E-03 469195.1 3759360.4   316.8   3.40   4.51
3.16   YES   NO
 L0005789   0   0.62578E-03 469201.2 3759352.9   317.0   3.40   4.51
3.16   YES   NO
 L0005790   0   0.62578E-03 469207.4 3759345.5   317.2   3.40   4.51
3.16   YES   NO
 L0005791   0   0.62578E-03 469213.6 3759338.0   317.2   3.40   4.51
3.16   YES   NO
 L0005792   0   0.62578E-03 469219.8 3759330.5   317.1   3.40   4.51
3.16   YES   NO
 L0005793   0   0.62578E-03 469225.9 3759323.0   317.2   3.40   4.51
3.16   YES   NO
 L0005794   0   0.62578E-03 469232.1 3759315.6   317.3   3.40   4.51
3.16   YES   NO
 L0005795   0   0.62578E-03 469238.3 3759308.1   317.3   3.40   4.51
3.16   YES   NO
 L0005796   0   0.62578E-03 469244.5 3759300.6   317.2   3.40   4.51
3.16   YES   NO
 L0005797   0   0.62578E-03 469250.7 3759293.1   317.3   3.40   4.51
3.16   YES   NO
 L0005798   0   0.62578E-03 469256.8 3759285.6   317.4   3.40   4.51
3.16   YES   NO
 L0005799   0   0.62578E-03 469263.0 3759278.2   317.4   3.40   4.51
3.16   YES   NO
 L0005800   0   0.62578E-03 469269.2 3759270.7   317.4   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0005801	0	0.62578E-03	469275.4	3759263.2	317.4	3.40	4.51	3.16	YES	NO
L0005802	0	0.62578E-03	469281.5	3759255.7	317.5	3.40	4.51	3.16	YES	NO
L0005803	0	0.62578E-03	469287.7	3759248.2	317.6	3.40	4.51	3.16	YES	NO
L0005804	0	0.62578E-03	469293.9	3759240.8	317.6	3.40	4.51	3.16	YES	NO
L0005805	0	0.62578E-03	469300.1	3759233.3	317.7	3.40	4.51	3.16	YES	NO
L0005806	0	0.62578E-03	469306.3	3759225.8	317.8	3.40	4.51	3.16	YES	NO
L0005807	0	0.62578E-03	469312.4	3759218.3	317.9	3.40	4.51	3.16	YES	NO
L0005808	0	0.62578E-03	469318.6	3759210.9	317.9	3.40	4.51	3.16	YES	NO
L0005809	0	0.62578E-03	469324.8	3759203.4	318.0	3.40	4.51	3.16	YES	NO
L0005810	0	0.62578E-03	469331.0	3759195.9	318.1	3.40	4.51	3.16	YES	NO
L0005811	0	0.62578E-03	469337.1	3759188.4	318.2	3.40	4.51	3.16	YES	NO
L0005812	0	0.62578E-03	469343.3	3759180.9	318.3	3.40	4.51	3.16	YES	NO
L0005813	0	0.62578E-03	469349.5	3759173.5	318.4	3.40	4.51	3.16	YES	NO
L0005814	0	0.62578E-03	469355.7	3759166.0	318.5	3.40	4.51	3.16	YES	NO
L0005815	0	0.62578E-03	469361.9	3759158.5	318.6	3.40	4.51	3.16	YES	NO
L0005816	0	0.62578E-03	469368.0	3759151.0	318.7	3.40	4.51	3.16	YES	NO
L0005817	0	0.62578E-03	469374.2	3759143.6	318.8	3.40	4.51	3.16	YES	NO
L0005818	0	0.62578E-03	469380.4	3759136.1	319.0	3.40	4.51	3.16	YES	NO
L0005819	0	0.62578E-03	469386.6	3759128.6	319.1	3.40	4.51			

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3.16     YES                    NO
 L0005820         0   0.62578E-03  469392.7 3759121.1   319.2     3.40     4.51
3.16     YES                    NO
 L0005821         0   0.62578E-03  469398.9 3759113.6   319.2     3.40     4.51
3.16     YES                    NO
 L0005822         0   0.62578E-03  469405.1 3759106.2   319.3     3.40     4.51
3.16     YES                    NO
 L0005823         0   0.62578E-03  469411.3 3759098.7   319.4     3.40     4.51
3.16     YES                    NO
 L0005824         0   0.62578E-03  469417.5 3759091.2   319.4     3.40     4.51
3.16     YES                    NO
 L0005825         0   0.62578E-03  469423.6 3759083.7   319.5     3.40     4.51
3.16     YES                    NO
 L0005826         0   0.62578E-03  469429.8 3759076.2   319.5     3.40     4.51
3.16     YES                    NO
 L0005827         0   0.62578E-03  469436.0 3759068.8   319.5     3.40     4.51
3.16     YES                    NO
 L0005828         0   0.62578E-03  469442.2 3759061.3   319.5     3.40     4.51
3.16     YES                    NO
 L0005829         0   0.62578E-03  469448.3 3759053.8   319.5     3.40     4.51
3.16     YES                    NO
 L0005830         0   0.62578E-03  469454.5 3759046.3   319.5     3.40     4.51
3.16     YES                    NO
 L0005831         0   0.62578E-03  469460.7 3759038.9   319.5     3.40     4.51
3.16     YES                    NO
 L0005832         0   0.62578E-03  469466.9 3759031.4   319.6     3.40     4.51
3.16     YES                    NO
 L0005833         0   0.62578E-03  469473.1 3759023.9   319.6     3.40     4.51
3.16     YES                    NO
 L0005834         0   0.62578E-03  469479.2 3759016.4   319.7     3.40     4.51
3.16     YES                    NO
 L0005835         0   0.62578E-03  469485.4 3759008.9   319.5     3.40     4.51
3.16     YES                    NO
 L0005836         0   0.62578E-03  469491.6 3759001.5   319.1     3.40     4.51
3.16     YES                    NO
 L0005837         0   0.62578E-03  469497.8 3758994.0   318.5     3.40     4.51
3.16     YES                    NO
 L0005838         0   0.62578E-03  469503.9 3758986.5   317.7     3.40     4.51
3.16     YES                    NO
 L0005839         0   0.62578E-03  469510.1 3758979.0   317.5     3.40     4.51
3.16     YES                    NO
 L0005840         0   0.62578E-03  469516.3 3758971.5   317.6     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***       17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0005841	0	0.62578E-03	469522.5	3758964.1	318.1	3.40	4.51	3.16	YES	NO
L0005842	0	0.62578E-03	469528.7	3758956.6	318.9	3.40	4.51	3.16	YES	NO
L0005843	0	0.62578E-03	469534.8	3758949.1	319.5	3.40	4.51	3.16	YES	NO
L0005844	0	0.62578E-03	469541.0	3758941.6	320.0	3.40	4.51	3.16	YES	NO
L0005845	0	0.62578E-03	469547.2	3758934.2	320.4	3.40	4.51	3.16	YES	NO
L0005846	0	0.62578E-03	469552.5	3758926.1	320.6	3.40	4.51	3.16	YES	NO
L0005847	0	0.62578E-03	469557.3	3758917.6	320.8	3.40	4.51	3.16	YES	NO
L0005848	0	0.62578E-03	469562.1	3758909.2	321.0	3.40	4.51	3.16	YES	NO
L0005849	0	0.62578E-03	469566.9	3758900.8	321.2	3.40	4.51	3.16	YES	NO
L0005850	0	0.62578E-03	469571.7	3758892.4	321.2	3.40	4.51	3.16	YES	NO
L0005851	0	0.62578E-03	469576.5	3758884.0	321.4	3.40	4.51	3.16	YES	NO
L0005852	0	0.62578E-03	469581.4	3758875.5	321.6	3.40	4.51	3.16	YES	NO
L0005853	0	0.62578E-03	469586.2	3758867.1	321.7	3.40	4.51	3.16	YES	NO
L0005854	0	0.62578E-03	469591.0	3758858.7	321.9	3.40	4.51	3.16	YES	NO
L0005855	0	0.62578E-03	469595.8	3758850.3	322.1	3.40	4.51	3.16	YES	NO
L0005856	0	0.62578E-03	469600.6	3758841.8	322.4	3.40	4.51	3.16	YES	NO
L0005857	0	0.62578E-03	469605.4	3758833.4	322.6	3.40	4.51	3.16	YES	NO
L0005858	0	0.62578E-03	469610.2	3758825.0	322.9	3.40	4.51	3.16	YES	NO
L0005859	0	0.62578E-03	469615.0	3758816.6	323.3	3.40	4.51			

3.16   YES   NO
 L0005860   0   0.62578E-03 469619.9 3758808.2   323.7   3.40   4.51
3.16   YES   NO
 L0005861   0   0.62578E-03 469624.7 3758799.7   324.1   3.40   4.51
3.16   YES   NO
 L0005862   0   0.62578E-03 469629.5 3758791.3   324.5   3.40   4.51
3.16   YES   NO
 L0005863   0   0.62578E-03 469634.3 3758782.9   324.9   3.40   4.51
3.16   YES   NO
 L0005864   0   0.62578E-03 469639.1 3758774.5   325.3   3.40   4.51
3.16   YES   NO
 L0005865   0   0.62578E-03 469643.9 3758766.1   325.2   3.40   4.51
3.16   YES   NO
 L0005866   0   0.62578E-03 469648.7 3758757.6   324.6   3.40   4.51
3.16   YES   NO
 L0005867   0   0.62578E-03 469653.5 3758749.2   323.9   3.40   4.51
3.16   YES   NO
 L0005868   0   0.62578E-03 469658.4 3758740.8   323.2   3.40   4.51
3.16   YES   NO
 L0005869   0   0.62578E-03 469663.2 3758732.4   323.6   3.40   4.51
3.16   YES   NO
 L0005870   0   0.62578E-03 469668.0 3758723.9   324.5   3.40   4.51
3.16   YES   NO
 L0005871   0   0.62578E-03 469672.8 3758715.5   325.7   3.40   4.51
3.16   YES   NO
 L0005872   0   0.62578E-03 469677.6 3758707.1   327.2   3.40   4.51
3.16   YES   NO
 L0005873   0   0.62578E-03 469682.4 3758698.7   328.2   3.40   4.51
3.16   YES   NO
 L0005874   0   0.62578E-03 469687.2 3758690.2   329.0   3.40   4.51
3.16   YES   NO
 L0005875   0   0.62578E-03 469691.7 3758681.6   329.8   3.40   4.51
3.16   YES   NO
 L0005876   0   0.62578E-03 469696.2 3758673.1   330.4   3.40   4.51
3.16   YES   NO
 L0005877   0   0.62578E-03 469700.8 3758664.5   330.9   3.40   4.51
3.16   YES   NO
 L0005878   0   0.62578E-03 469705.3 3758655.9   331.5   3.40   4.51
3.16   YES   NO
 L0005879   0   0.62578E-03 469709.9 3758647.4   331.9   3.40   4.51
3.16   YES   NO
 L0005880   0   0.62578E-03 469714.4 3758638.8   332.2   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0005881	0	0.62578E-03	469718.9	3758630.2	332.7	3.40	4.51	3.16	YES	NO
L0005882	0	0.62578E-03	469723.5	3758621.6	333.3	3.40	4.51	3.16	YES	NO
L0005883	0	0.62578E-03	469728.0	3758613.1	334.0	3.40	4.51	3.16	YES	NO
L0005884	0	0.62578E-03	469732.6	3758604.5	334.5	3.40	4.51	3.16	YES	NO
L0005885	0	0.62578E-03	469737.1	3758595.9	334.7	3.40	4.51	3.16	YES	NO
L0005886	0	0.62578E-03	469741.6	3758587.3	335.1	3.40	4.51	3.16	YES	NO
L0005887	0	0.62578E-03	469746.2	3758578.8	335.6	3.40	4.51	3.16	YES	NO
L0005888	0	0.62578E-03	469750.7	3758570.2	336.2	3.40	4.51	3.16	YES	NO
L0005889	0	0.62578E-03	469755.2	3758561.6	336.9	3.40	4.51	3.16	YES	NO
L0005890	0	0.62578E-03	469759.8	3758553.1	337.5	3.40	4.51	3.16	YES	NO
L0005891	0	0.62578E-03	469764.3	3758544.5	337.8	3.40	4.51	3.16	YES	NO
L0005892	0	0.62578E-03	469768.9	3758535.9	338.1	3.40	4.51	3.16	YES	NO
L0005893	0	0.62578E-03	469773.4	3758527.3	338.6	3.40	4.51	3.16	YES	NO
L0005894	0	0.62578E-03	469777.9	3758518.8	339.1	3.40	4.51	3.16	YES	NO
L0005895	0	0.62578E-03	469782.5	3758510.2	339.7	3.40	4.51	3.16	YES	NO
L0005896	0	0.62578E-03	469787.0	3758501.6	340.4	3.40	4.51	3.16	YES	NO
L0005897	0	0.62578E-03	469792.1	3758493.4	340.8	3.40	4.51	3.16	YES	NO
L0005898	0	0.62578E-03	469797.5	3758485.3	341.2	3.40	4.51	3.16	YES	NO
L0005899	0	0.62578E-03	469802.8	3758477.2	341.5	3.40	4.51			

3.16   YES   NO
 L0005900   0   0.62578E-03 469808.2 3758469.2   341.8   3.40   4.51
3.16   YES   NO
 L0005901   0   0.62578E-03 469813.6 3758461.1   342.7   3.40   4.51
3.16   YES   NO
 L0005902   0   0.62578E-03 469819.0 3758453.0   343.6   3.40   4.51
3.16   YES   NO
 L0005903   0   0.62578E-03 469824.4 3758444.9   344.2   3.40   4.51
3.16   YES   NO
 L0005904   0   0.62578E-03 469829.8 3758436.9   344.6   3.40   4.51
3.16   YES   NO
 L0005905   0   0.62578E-03 469835.1 3758428.8   345.0   3.40   4.51
3.16   YES   NO
 L0005906   0   0.62578E-03 469840.5 3758420.7   346.0   3.40   4.51
3.16   YES   NO
 L0005907   0   0.62578E-03 469845.9 3758412.7   347.0   3.40   4.51
3.16   YES   NO
 L0005908   0   0.62578E-03 469851.3 3758404.6   348.1   3.40   4.51
3.16   YES   NO
 L0005909   0   0.62578E-03 469856.7 3758396.5   348.9   3.40   4.51
3.16   YES   NO
 L0005910   0   0.62578E-03 469862.0 3758388.4   349.5   3.40   4.51
3.16   YES   NO
 L0005911   0   0.62578E-03 469867.4 3758380.4   350.2   3.40   4.51
3.16   YES   NO
 L0005912   0   0.62578E-03 469872.8 3758372.3   351.1   3.40   4.51
3.16   YES   NO
 L0005913   0   0.62578E-03 469878.2 3758364.2   351.8   3.40   4.51
3.16   YES   NO
 L0005914   0   0.62578E-03 469883.6 3758356.2   351.9   3.40   4.51
3.16   YES   NO
 L0005915   0   0.62578E-03 469888.9 3758348.1   351.9   3.40   4.51
3.16   YES   NO
 L0005916   0   0.62578E-03 469894.3 3758340.0   352.2   3.40   4.51
3.16   YES   NO
 L0005917   0   0.62578E-03 469899.7 3758331.9   352.8   3.40   4.51
3.16   YES   NO
 L0005918   0   0.62578E-03 469906.0 3758324.7   353.6   3.40   4.51
3.16   YES   NO
 L0005919   0   0.62578E-03 469913.5 3758318.6   354.6   3.40   4.51
3.16   YES   NO
 L0005920   0   0.62578E-03 469921.0 3758312.4   355.9   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0005921	0	0.62578E-03	469928.4	3758306.2	357.2	3.40	4.51	3.16	YES	NO
L0005922	0	0.62578E-03	469935.9	3758300.0	358.2	3.40	4.51	3.16	YES	NO
L0005923	0	0.62578E-03	469943.4	3758293.8	359.1	3.40	4.51	3.16	YES	NO
L0005924	0	0.62578E-03	469950.9	3758287.6	360.0	3.40	4.51	3.16	YES	NO
L0005925	0	0.62578E-03	469958.3	3758281.4	361.1	3.40	4.51	3.16	YES	NO
L0005926	0	0.62578E-03	469965.8	3758275.2	361.7	3.40	4.51	3.16	YES	NO
L0005927	0	0.62578E-03	469973.3	3758269.0	361.9	3.40	4.51	3.16	YES	NO
L0005928	0	0.62578E-03	469980.7	3758262.9	362.3	3.40	4.51	3.16	YES	NO
L0005929	0	0.62578E-03	469988.2	3758256.7	362.6	3.40	4.51	3.16	YES	NO
L0005930	0	0.62578E-03	469995.7	3758250.5	362.1	3.40	4.51	3.16	YES	NO
L0005931	0	0.62578E-03	470003.1	3758244.3	361.4	3.40	4.51	3.16	YES	NO
L0005932	0	0.62578E-03	470010.6	3758238.1	360.5	3.40	4.51	3.16	YES	NO
L0005933	0	0.62578E-03	470018.1	3758231.9	360.4	3.40	4.51	3.16	YES	NO
L0005934	0	0.62578E-03	470025.5	3758225.7	361.0	3.40	4.51	3.16	YES	NO
L0005935	0	0.62578E-03	470033.0	3758219.5	362.1	3.40	4.51	3.16	YES	NO
L0005936	0	0.62578E-03	470040.5	3758213.3	363.3	3.40	4.51	3.16	YES	NO
L0005937	0	0.62578E-03	470048.0	3758207.2	364.2	3.40	4.51	3.16	YES	NO
L0005938	0	0.62578E-03	470055.4	3758201.0	365.0	3.40	4.51	3.16	YES	NO
L0005939	0	0.62578E-03	470062.9	3758194.8	365.9	3.40	4.51			

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3.16     YES                    NO
 L0005940         0   0.62578E-03  470070.4 3758188.6   366.8     3.40     4.51
3.16     YES                    NO
 L0005941         0   0.62578E-03  470077.8 3758182.4   367.8     3.40     4.51
3.16     YES                    NO
 L0005942         0   0.62578E-03  470085.3 3758176.2   368.5     3.40     4.51
3.16     YES                    NO
 L0005943         0   0.62578E-03  470092.8 3758170.0   369.1     3.40     4.51
3.16     YES                    NO
 L0005944         0   0.62578E-03  470100.2 3758163.8   369.9     3.40     4.51
3.16     YES                    NO
 L0005945         0   0.62578E-03  470107.7 3758157.6   370.6     3.40     4.51
3.16     YES                    NO
 L0005946         0   0.62578E-03  470115.2 3758151.5   371.3     3.40     4.51
3.16     YES                    NO
 L0005947         0   0.62578E-03  470122.6 3758145.3   370.8     3.40     4.51
3.16     YES                    NO
 L0005948         0   0.62578E-03  470130.1 3758139.1   370.3     3.40     4.51
3.16     YES                    NO
 L0005949         0   0.62578E-03  470137.6 3758132.9   370.0     3.40     4.51
3.16     YES                    NO
 L0005950         0   0.62578E-03  470145.1 3758126.7   369.2     3.40     4.51
3.16     YES                    NO
 L0005951         0   0.62578E-03  470152.5 3758120.5   368.3     3.40     4.51
3.16     YES                    NO
 L0005952         0   0.62578E-03  470160.0 3758114.3   367.9     3.40     4.51
3.16     YES                    NO
 L0005953         0   0.62578E-03  470167.5 3758108.1   367.3     3.40     4.51
3.16     YES                    NO
 L0005954         0   0.62578E-03  470174.9 3758101.9   366.5     3.40     4.51
3.16     YES                    NO
 L0005955         0   0.62578E-03  470182.4 3758095.8   366.1     3.40     4.51
3.16     YES                    NO
 L0005956         0   0.62578E-03  470189.9 3758089.6   366.0     3.40     4.51
3.16     YES                    NO
 L0005957         0   0.62578E-03  470197.3 3758083.4   366.7     3.40     4.51
3.16     YES                    NO
 L0005958         0   0.62578E-03  470204.8 3758077.2   367.4     3.40     4.51
3.16     YES                    NO
 L0005959         0   0.62578E-03  470212.3 3758071.0   368.0     3.40     4.51
3.16     YES                    NO
 L0005960         0   0.62578E-03  470219.7 3758064.8   368.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0005961	0	0.62578E-03	470227.2	3758058.6	369.6	3.40	4.51	3.16	YES	NO
L0005962	0	0.62578E-03	470234.7	3758052.4	370.2	3.40	4.51	3.16	YES	NO
L0005963	0	0.62578E-03	470242.2	3758046.2	370.7	3.40	4.51	3.16	YES	NO
L0005964	0	0.62578E-03	470249.6	3758040.1	371.2	3.40	4.51	3.16	YES	NO
L0005965	0	0.62578E-03	470257.1	3758033.9	371.4	3.40	4.51	3.16	YES	NO
L0005966	0	0.62578E-03	470264.6	3758027.7	371.6	3.40	4.51	3.16	YES	NO
L0005967	0	0.62578E-03	470272.0	3758021.5	372.1	3.40	4.51	3.16	YES	NO
L0005968	0	0.62578E-03	470279.5	3758015.3	372.6	3.40	4.51	3.16	YES	NO
L0005969	0	0.62578E-03	470287.0	3758009.1	372.9	3.40	4.51	3.16	YES	NO
L0005970	0	0.62578E-03	470294.4	3758002.9	373.2	3.40	4.51	3.16	YES	NO
L0005971	0	0.62578E-03	470301.9	3757996.8	373.6	3.40	4.51	3.16	YES	NO
L0005972	0	0.62578E-03	470309.9	3757991.2	374.0	3.40	4.51	3.16	YES	NO
L0005973	0	0.62578E-03	470317.8	3757985.6	374.5	3.40	4.51	3.16	YES	NO
L0005974	0	0.62578E-03	470325.7	3757980.0	375.0	3.40	4.51	3.16	YES	NO
L0005975	0	0.62578E-03	470333.6	3757974.4	375.5	3.40	4.51	3.16	YES	NO
L0005976	0	0.62578E-03	470341.6	3757968.8	376.0	3.40	4.51	3.16	YES	NO
L0005977	0	0.62578E-03	470349.5	3757963.2	376.5	3.40	4.51	3.16	YES	NO
L0005978	0	0.62578E-03	470357.4	3757957.6	376.9	3.40	4.51	3.16	YES	NO
L0005979	0	0.62578E-03	470365.3	3757952.0	377.4	3.40	4.51			

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3.16     YES                    NO
 L0005980         0   0.62578E-03  470373.3 3757946.4   377.9     3.40     4.51
3.16     YES                    NO
 L0005981         0   0.62578E-03  470381.2 3757940.8   378.4     3.40     4.51
3.16     YES                    NO
 L0005982         0   0.62578E-03  470389.1 3757935.2   378.8     3.40     4.51
3.16     YES                    NO
 L0005983         0   0.62578E-03  470397.0 3757929.6   379.2     3.40     4.51
3.16     YES                    NO
 L0005984         0   0.62578E-03  470405.0 3757924.1   379.7     3.40     4.51
3.16     YES                    NO
 L0005985         0   0.62578E-03  470412.9 3757918.5   380.1     3.40     4.51
3.16     YES                    NO
 L0005986         0   0.62578E-03  470420.8 3757912.9   380.6     3.40     4.51
3.16     YES                    NO
 L0005987         0   0.62578E-03  470428.7 3757907.3   381.1     3.40     4.51
3.16     YES                    NO
 L0005988         0   0.62578E-03  470436.7 3757901.7   381.5     3.40     4.51
3.16     YES                    NO
 L0005989         0   0.62578E-03  470444.6 3757896.1   381.8     3.40     4.51
3.16     YES                    NO
 L0005990         0   0.62578E-03  470452.5 3757890.5   382.2     3.40     4.51
3.16     YES                    NO
 L0005991         0   0.62578E-03  470460.4 3757884.9   382.6     3.40     4.51
3.16     YES                    NO
 L0005992         0   0.62578E-03  470468.4 3757879.3   383.0     3.40     4.51
3.16     YES                    NO
 L0005993         0   0.62578E-03  470476.3 3757873.7   383.4     3.40     4.51
3.16     YES                    NO
 L0005994         0   0.62578E-03  470484.2 3757868.1   383.8     3.40     4.51
3.16     YES                    NO
 L0005995         0   0.62578E-03  470492.1 3757862.5   384.3     3.40     4.51
3.16     YES                    NO
 L0005996         0   0.62578E-03  470501.1 3757860.1   385.0     3.40     4.51
3.16     YES                    NO
 L0005997         0   0.62578E-03  470510.8 3757859.6   385.8     3.40     4.51
3.16     YES                    NO
 L0005998         0   0.62578E-03  470520.5 3757859.1   386.6     3.40     4.51
3.16     YES                    NO
 L0005999         0   0.62578E-03  470530.2 3757858.7   387.2     3.40     4.51
3.16     YES                    NO
 L0006000         0   0.62578E-03  470539.9 3757858.2   387.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0006001	0	0.62578E-03	470549.6	3757857.7	388.1	3.40	4.51	3.16	YES	NO	
L0006002	0	0.62578E-03	470559.3	3757857.2	388.4	3.40	4.51	3.16	YES	NO	
L0006003	0	0.62578E-03	470569.0	3757856.8	388.7	3.40	4.51	3.16	YES	NO	
L0006004	0	0.62578E-03	470578.7	3757856.3	389.0	3.40	4.51	3.16	YES	NO	
L0006005	0	0.62578E-03	470588.3	3757855.8	389.3	3.40	4.51	3.16	YES	NO	
L0006006	0	0.62578E-03	470598.0	3757855.3	389.7	3.40	4.51	3.16	YES	NO	
L0006007	0	0.62578E-03	470607.7	3757854.9	390.1	3.40	4.51	3.16	YES	NO	
L0006008	0	0.62578E-03	470617.4	3757854.4	390.5	3.40	4.51	3.16	YES	NO	
L0006009	0	0.62578E-03	470627.1	3757853.9	390.9	3.40	4.51	3.16	YES	NO	
L0006010	0	0.62578E-03	470636.8	3757853.4	391.2	3.40	4.51	3.16	YES	NO	
L0006011	0	0.62578E-03	470646.5	3757853.0	391.5	3.40	4.51	3.16	YES	NO	
L0006012	0	0.62578E-03	470656.2	3757852.5	391.7	3.40	4.51	3.16	YES	NO	
L0006013	0	0.62578E-03	470665.8	3757852.0	391.9	3.40	4.51	3.16	YES	NO	
L0006014	0	0.62578E-03	470675.5	3757851.5	392.1	3.40	4.51	3.16	YES	NO	
L0006015	0	0.62578E-03	470685.2	3757851.0	392.3	3.40	4.51	3.16	YES	NO	
L0006016	0	0.62578E-03	470694.9	3757850.6	392.5	3.40	4.51	3.16	YES	NO	
L0006017	0	0.62578E-03	470704.6	3757850.1	392.7	3.40	4.51	3.16	YES	NO	
L0006018	0	0.62578E-03	470714.3	3757849.6	393.0	3.40	4.51	3.16	YES	NO	
L0006019	0	0.62578E-03	470724.0	3757849.1	393.2	3.40	4.51				

3.16   YES   NO
 L0006020   0   0.62578E-03 470733.7 3757848.7   393.5   3.40   4.51
3.16   YES   NO
 L0006021   0   0.62578E-03 470743.4 3757848.2   393.8   3.40   4.51
3.16   YES   NO
 L0006022   0   0.62578E-03 470753.0 3757847.7   394.1   3.40   4.51
3.16   YES   NO
 L0006023   0   0.62578E-03 470762.7 3757847.2   394.5   3.40   4.51
3.16   YES   NO
 L0006024   0   0.62578E-03 470772.4 3757846.8   394.9   3.40   4.51
3.16   YES   NO
 L0006025   0   0.62578E-03 470782.1 3757846.3   395.2   3.40   4.51
3.16   YES   NO
 L0006026   0   0.62578E-03 470791.8 3757845.8   395.7   3.40   4.51
3.16   YES   NO
 L0006027   0   0.62578E-03 470801.5 3757845.3   396.2   3.40   4.51
3.16   YES   NO
 L0006028   0   0.62578E-03 470811.2 3757844.9   396.7   3.40   4.51
3.16   YES   NO
 L0006029   0   0.62578E-03 470820.9 3757844.4   397.2   3.40   4.51
3.16   YES   NO
 L0006030   0   0.62578E-03 470830.5 3757843.9   397.8   3.40   4.51
3.16   YES   NO
 L0006031   0   0.62578E-03 470840.2 3757843.4   398.4   3.40   4.51
3.16   YES   NO
 L0006032   0   0.62578E-03 470849.9 3757842.9   399.0   3.40   4.51
3.16   YES   NO
 L0006033   0   0.62578E-03 470859.6 3757842.5   399.6   3.40   4.51
3.16   YES   NO
 L0006034   0   0.62578E-03 470869.3 3757842.0   400.3   3.40   4.51
3.16   YES   NO
 L0006035   0   0.62578E-03 470879.0 3757841.5   400.9   3.40   4.51
3.16   YES   NO
 L0006036   0   0.62578E-03 470888.7 3757841.0   401.5   3.40   4.51
3.16   YES   NO
 L0006037   0   0.62578E-03 470898.4 3757840.6   402.2   3.40   4.51
3.16   YES   NO
 L0006038   0   0.62578E-03 470908.1 3757840.1   402.8   3.40   4.51
3.16   YES   NO
 L0006039   0   0.62578E-03 470917.7 3757839.6   403.5   3.40   4.51
3.16   YES   NO
 L0006040   0   0.62578E-03 470927.4 3757839.1   404.1   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT EMISSION RATE
L0006041	0	0.62578E-03	470937.1	3757838.7	404.8	3.40	4.51	3.16	YES	NO
L0006042	0	0.62578E-03	470946.8	3757838.2	405.4	3.40	4.51	3.16	YES	NO
L0006043	0	0.62578E-03	470956.5	3757837.7	406.0	3.40	4.51	3.16	YES	NO
L0006044	0	0.62578E-03	470966.2	3757837.2	406.6	3.40	4.51	3.16	YES	NO
L0006045	0	0.62578E-03	470975.9	3757836.8	407.2	3.40	4.51	3.16	YES	NO
L0006046	0	0.62578E-03	470985.6	3757836.3	407.8	3.40	4.51	3.16	YES	NO
L0006047	0	0.62578E-03	470995.2	3757835.8	408.3	3.40	4.51	3.16	YES	NO
L0006048	0	0.62578E-03	471004.9	3757835.3	408.9	3.40	4.51	3.16	YES	NO
L0006049	0	0.62578E-03	471014.6	3757834.8	409.4	3.40	4.51	3.16	YES	NO
L0006050	0	0.62578E-03	471024.3	3757834.4	410.0	3.40	4.51	3.16	YES	NO
L0006051	0	0.62578E-03	471034.0	3757833.9	410.5	3.40	4.51	3.16	YES	NO
L0006052	0	0.62578E-03	471043.7	3757833.4	411.0	3.40	4.51	3.16	YES	NO
L0006053	0	0.62578E-03	471053.4	3757832.9	411.5	3.40	4.51	3.16	YES	NO
L0006054	0	0.62578E-03	471063.1	3757832.5	412.0	3.40	4.51	3.16	YES	NO
L0006055	0	0.62578E-03	471072.8	3757832.0	412.6	3.40	4.51	3.16	YES	NO
L0006056	0	0.62578E-03	471082.4	3757831.5	413.1	3.40	4.51	3.16	YES	NO
L0006057	0	0.62578E-03	471092.1	3757831.0	413.6	3.40	4.51	3.16	YES	NO
L0006058	0	0.62578E-03	471101.8	3757830.6	414.2	3.40	4.51	3.16	YES	NO
L0006059	0	0.62578E-03	471111.5	3757830.1	414.8	3.40	4.51			

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3.16     YES                    NO
 L0006060         0   0.62578E-03  471121.2 3757829.6   415.4     3.40     4.51
3.16     YES                    NO
 L0006061         0   0.62578E-03  471130.9 3757829.1   416.1     3.40     4.51
3.16     YES                    NO
 L0006062         0   0.62578E-03  471140.6 3757828.7   416.7     3.40     4.51
3.16     YES                    NO
 L0006063         0   0.62578E-03  471150.3 3757828.2   417.4     3.40     4.51
3.16     YES                    NO
 L0006064         0   0.62578E-03  471160.0 3757827.7   418.2     3.40     4.51
3.16     YES                    NO
 L0006065         0   0.62578E-03  471169.6 3757827.2   419.0     3.40     4.51
3.16     YES                    NO
 L0006066         0   0.62578E-03  471179.3 3757826.7   419.8     3.40     4.51
3.16     YES                    NO
 L0006067         0   0.62578E-03  471189.0 3757826.3   420.6     3.40     4.51
3.16     YES                    NO
 L0006068         0   0.62578E-03  471197.1 3757821.2   420.4     3.40     4.51
3.16     YES                    NO
 L0006069         0   0.62578E-03  471205.0 3757815.5   419.9     3.40     4.51
3.16     YES                    NO
 L0006070         0   0.62578E-03  471212.8 3757809.9   419.5     3.40     4.51
3.16     YES                    NO
 L0006071         0   0.62578E-03  471220.7 3757804.2   419.6     3.40     4.51
3.16     YES                    NO
 L0006072         0   0.62578E-03  471228.5 3757798.5   419.6     3.40     4.51
3.16     YES                    NO
 L0006073         0   0.62578E-03  471236.4 3757792.8   419.7     3.40     4.51
3.16     YES                    NO
 L0006074         0   0.62578E-03  471244.2 3757787.1   419.9     3.40     4.51
3.16     YES                    NO
 L0006075         0   0.62578E-03  471252.1 3757781.4   420.0     3.40     4.51
3.16     YES                    NO
 L0006076         0   0.62578E-03  471260.0 3757775.7   420.0     3.40     4.51
3.16     YES                    NO
 L0006077         0   0.62578E-03  471267.8 3757770.0   420.1     3.40     4.51
3.16     YES                    NO
 L0006078         0   0.62578E-03  471275.7 3757764.3   420.2     3.40     4.51
3.16     YES                    NO
 L0006079         0   0.62578E-03  471283.5 3757758.7   420.4     3.40     4.51
3.16     YES                    NO
 L0006080         0   0.62578E-03  471291.4 3757753.0   421.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0006081	0	0.62578E-03	471299.2	3757747.3	421.3	3.40	4.51	3.16	YES	NO	
L0006082	0	0.62578E-03	471307.1	3757741.6	421.1	3.40	4.51	3.16	YES	NO	
L0006083	0	0.62578E-03	471314.9	3757735.9	421.1	3.40	4.51	3.16	YES	NO	
L0006084	0	0.62578E-03	471322.8	3757730.2	421.2	3.40	4.51	3.16	YES	NO	
L0006085	0	0.62578E-03	471330.7	3757724.5	421.2	3.40	4.51	3.16	YES	NO	
L0006086	0	0.62578E-03	471338.5	3757718.8	421.5	3.40	4.51	3.16	YES	NO	
L0006087	0	0.62578E-03	471346.4	3757713.1	421.6	3.40	4.51	3.16	YES	NO	
L0006088	0	0.62578E-03	471354.2	3757707.5	421.1	3.40	4.51	3.16	YES	NO	
L0006089	0	0.62578E-03	471362.1	3757701.8	420.9	3.40	4.51	3.16	YES	NO	
L0006090	0	0.62578E-03	471369.9	3757696.1	421.1	3.40	4.51	3.16	YES	NO	
L0006091	0	0.62578E-03	471377.8	3757690.4	420.8	3.40	4.51	3.16	YES	NO	
L0006092	0	0.62578E-03	471385.7	3757684.7	420.1	3.40	4.51	3.16	YES	NO	
L0006093	0	0.62578E-03	471393.5	3757679.0	419.0	3.40	4.51	3.16	YES	NO	
L0006094	0	0.62578E-03	471401.4	3757673.3	418.2	3.40	4.51	3.16	YES	NO	
L0006095	0	0.62578E-03	471409.2	3757667.6	417.6	3.40	4.51	3.16	YES	NO	
L0006096	0	0.62578E-03	471417.1	3757661.9	417.1	3.40	4.51	3.16	YES	NO	
L0006097	0	0.62578E-03	471424.9	3757656.3	416.9	3.40	4.51	3.16	YES	NO	
L0006098	0	0.62578E-03	471432.8	3757650.6	417.9	3.40	4.51	3.16	YES	NO	
L0006099	0	0.62578E-03	471440.7	3757644.9	419.0	3.40	4.51				

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3.16     YES                    NO
 L0006100         0   0.62578E-03  471448.5 3757639.2   420.2     3.40     4.51
3.16     YES                    NO
 L0006101         0   0.62578E-03  471456.4 3757633.5   420.6     3.40     4.51
3.16     YES                    NO
 L0006102         0   0.62578E-03  471464.2 3757627.8   420.7     3.40     4.51
3.16     YES                    NO
 L0006103         0   0.62578E-03  471472.1 3757622.1   420.6     3.40     4.51
3.16     YES                    NO
 L0006104         0   0.62578E-03  471479.9 3757616.4   420.7     3.40     4.51
3.16     YES                    NO
 L0006105         0   0.62578E-03  471487.8 3757610.7   420.9     3.40     4.51
3.16     YES                    NO
 L0006106         0   0.62578E-03  471495.6 3757605.0   421.0     3.40     4.51
3.16     YES                    NO
 L0006107         0   0.62578E-03  471503.5 3757599.4   420.9     3.40     4.51
3.16     YES                    NO
 L0006108         0   0.62578E-03  471511.4 3757593.7   420.6     3.40     4.51
3.16     YES                    NO
 L0006109         0   0.62578E-03  471519.2 3757588.0   420.4     3.40     4.51
3.16     YES                    NO
 L0006110         0   0.62578E-03  471525.7 3757580.8   420.6     3.40     4.51
3.16     YES                    NO
 L0006111         0   0.62578E-03  471531.8 3757573.3   420.6     3.40     4.51
3.16     YES                    NO
 L0006112         0   0.62578E-03  471538.0 3757565.8   421.0     3.40     4.51
3.16     YES                    NO
 L0006113         0   0.62578E-03  471544.2 3757558.3   421.4     3.40     4.51
3.16     YES                    NO
 L0006114         0   0.62578E-03  471550.3 3757550.8   421.7     3.40     4.51
3.16     YES                    NO
 L0006115         0   0.62578E-03  471556.5 3757543.3   421.9     3.40     4.51
3.16     YES                    NO
 L0006116         0   0.62578E-03  471562.6 3757535.9   422.4     3.40     4.51
3.16     YES                    NO
 L0006117         0   0.62578E-03  471568.8 3757528.4   422.8     3.40     4.51
3.16     YES                    NO
 L0006118         0   0.62578E-03  471574.9 3757520.9   423.2     3.40     4.51
3.16     YES                    NO
 L0006119         0   0.62578E-03  471581.1 3757513.4   423.4     3.40     4.51
3.16     YES                    NO
 L0006120         0   0.62578E-03  471587.3 3757505.9   423.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT
L0006121	0	0.62578E-03	471593.4	3757498.4	424.5	3.40	4.51	3.16	YES	NO
L0006122	0	0.62578E-03	471599.6	3757490.9	424.9	3.40	4.51	3.16	YES	NO
L0006123	0	0.62578E-03	471605.7	3757483.4	425.1	3.40	4.51	3.16	YES	NO
L0006124	0	0.62578E-03	471611.9	3757475.9	425.6	3.40	4.51	3.16	YES	NO
L0006125	0	0.62578E-03	471618.0	3757468.4	426.3	3.40	4.51	3.16	YES	NO
L0006126	0	0.62578E-03	471624.2	3757460.9	426.7	3.40	4.51	3.16	YES	NO
L0006127	0	0.62578E-03	471630.4	3757453.4	427.0	3.40	4.51	3.16	YES	NO
L0006128	0	0.62578E-03	471636.5	3757445.9	427.5	3.40	4.51	3.16	YES	NO
L0006129	0	0.62578E-03	471642.7	3757438.4	428.2	3.40	4.51	3.16	YES	NO
L0006130	0	0.62578E-03	471648.8	3757430.9	428.6	3.40	4.51	3.16	YES	NO
L0006131	0	0.62578E-03	471655.0	3757423.4	429.2	3.40	4.51	3.16	YES	NO
L0006132	0	0.62578E-03	471661.1	3757415.9	430.0	3.40	4.51	3.16	YES	NO
L0006133	0	0.62578E-03	471667.3	3757408.4	430.9	3.40	4.51	3.16	YES	NO
L0006134	0	0.62578E-03	471673.5	3757400.9	431.3	3.40	4.51	3.16	YES	NO
L0006135	0	0.62578E-03	471679.6	3757393.4	431.7	3.40	4.51	3.16	YES	NO
L0006136	0	0.62578E-03	471685.8	3757385.9	431.8	3.40	4.51	3.16	YES	NO
L0006137	0	0.62578E-03	471691.9	3757378.4	431.9	3.40	4.51	3.16	YES	NO
L0006138	0	0.62578E-03	471698.1	3757371.0	432.2	3.40	4.51	3.16	YES	NO
L0006139	0	0.62578E-03	471704.2	3757363.5	432.5	3.40	4.51			

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3.16     YES                    NO
 L0006140         0   0.62578E-03  471710.4 3757356.0   432.5     3.40     4.51
3.16     YES                    NO
 L0006141         0   0.62578E-03  471716.6 3757348.5   432.8     3.40     4.51
3.16     YES                    NO
 L0006142         0   0.62578E-03  471722.7 3757341.0   433.2     3.40     4.51
3.16     YES                    NO
 L0006143         0   0.62578E-03  471728.9 3757333.5   433.6     3.40     4.51
3.16     YES                    NO
 L0006144         0   0.62578E-03  471735.0 3757326.0   433.9     3.40     4.51
3.16     YES                    NO
 L0006145         0   0.62578E-03  471741.2 3757318.5   434.2     3.40     4.51
3.16     YES                    NO
 L0006146         0   0.62578E-03  471747.3 3757311.0   434.4     3.40     4.51
3.16     YES                    NO
 L0006147         0   0.62578E-03  471753.5 3757303.5   434.8     3.40     4.51
3.16     YES                    NO
 L0006148         0   0.62578E-03  471759.7 3757296.0   435.0     3.40     4.51
3.16     YES                    NO
 L0006149         0   0.62578E-03  471765.8 3757288.5   435.5     3.40     4.51
3.16     YES                    NO
 L0006150         0   0.62578E-03  471772.0 3757281.0   436.2     3.40     4.51
3.16     YES                    NO
 L0006151         0   0.62578E-03  471778.1 3757273.5   436.9     3.40     4.51
3.16     YES                    NO
 L0006152         0   0.62578E-03  471783.9 3757265.8   437.3     3.40     4.51
3.16     YES                    NO
 L0006153         0   0.62578E-03  471788.7 3757257.3   437.6     3.40     4.51
3.16     YES                    NO
 L0006154         0   0.62578E-03  471793.4 3757248.8   437.7     3.40     4.51
3.16     YES                    NO
 L0006155         0   0.62578E-03  471798.2 3757240.4   438.0     3.40     4.51
3.16     YES                    NO
 L0006156         0   0.62578E-03  471802.9 3757231.9   438.6     3.40     4.51
3.16     YES                    NO
 L0006157         0   0.62578E-03  471807.6 3757223.5   439.2     3.40     4.51
3.16     YES                    NO
 L0006158         0   0.62578E-03  471812.4 3757215.0   438.7     3.40     4.51
3.16     YES                    NO
 L0006159         0   0.62578E-03  471817.1 3757206.5   438.5     3.40     4.51
3.16     YES                    NO
 L0006160         0   0.62578E-03  471821.8 3757198.1   438.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0006161	0	0.62578E-03	471826.6	3757189.6	438.8	3.40	4.51	3.16	YES	NO	
L0006162	0	0.62578E-03	471831.3	3757181.1	439.2	3.40	4.51	3.16	YES	NO	
L0006163	0	0.62578E-03	471836.1	3757172.7	439.1	3.40	4.51	3.16	YES	NO	
L0006164	0	0.62578E-03	471840.8	3757164.2	439.0	3.40	4.51	3.16	YES	NO	
L0006165	0	0.62578E-03	471845.5	3757155.8	439.0	3.40	4.51	3.16	YES	NO	
L0006166	0	0.62578E-03	471850.3	3757147.3	439.3	3.40	4.51	3.16	YES	NO	
L0006167	0	0.62578E-03	471855.0	3757138.8	439.9	3.40	4.51	3.16	YES	NO	
L0006168	0	0.62578E-03	471859.8	3757130.4	440.4	3.40	4.51	3.16	YES	NO	
L0006169	0	0.62578E-03	471864.5	3757121.9	440.7	3.40	4.51	3.16	YES	NO	
L0006170	0	0.62578E-03	471869.2	3757113.4	441.2	3.40	4.51	3.16	YES	NO	
L0006171	0	0.62578E-03	471874.0	3757105.0	441.9	3.40	4.51	3.16	YES	NO	
L0006172	0	0.62578E-03	471878.7	3757096.5	442.5	3.40	4.51	3.16	YES	NO	
L0006173	0	0.62578E-03	471883.5	3757088.0	443.1	3.40	4.51	3.16	YES	NO	
L0006174	0	0.62578E-03	471888.2	3757079.6	443.3	3.40	4.51	3.16	YES	NO	
L0006175	0	0.62578E-03	471892.9	3757071.1	443.7	3.40	4.51	3.16	YES	NO	
L0006176	0	0.62578E-03	471897.7	3757062.7	444.0	3.40	4.51	3.16	YES	NO	
L0006177	0	0.62578E-03	471902.4	3757054.2	444.7	3.40	4.51	3.16	YES	NO	
L0006178	0	0.62578E-03	471907.2	3757045.7	445.8	3.40	4.51	3.16	YES	NO	
L0006179	0	0.62578E-03	471911.9	3757037.3	446.8	3.40	4.51				

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3.16     YES                    NO
 L0006180         0   0.62578E-03  471916.6 3757028.8   446.8     3.40     4.51
3.16     YES                    NO
 L0006181         0   0.62578E-03  471921.4 3757020.3   447.1     3.40     4.51
3.16     YES                    NO
 L0006182         0   0.62578E-03  471926.1 3757011.9   447.6     3.40     4.51
3.16     YES                    NO
 L0006183         0   0.62578E-03  471930.9 3757003.4   448.0     3.40     4.51
3.16     YES                    NO
 L0006184         0   0.62578E-03  471935.6 3756994.9   447.9     3.40     4.51
3.16     YES                    NO
 L0006185         0   0.62578E-03  471940.3 3756986.5   447.6     3.40     4.51
3.16     YES                    NO
 L0006186         0   0.62578E-03  471944.1 3756977.6   447.5     3.40     4.51
3.16     YES                    NO
 L0006187         0   0.62578E-03  471947.2 3756968.4   447.6     3.40     4.51
3.16     YES                    NO
 L0006188         0   0.62578E-03  471950.2 3756959.2   447.7     3.40     4.51
3.16     YES                    NO
 L0006189         0   0.62578E-03  471953.3 3756950.0   448.0     3.40     4.51
3.16     YES                    NO
 L0006190         0   0.62578E-03  471956.4 3756940.8   448.4     3.40     4.51
3.16     YES                    NO
 L0006191         0   0.62578E-03  471959.4 3756931.6   448.7     3.40     4.51
3.16     YES                    NO
 L0006192         0   0.62578E-03  471962.5 3756922.4   448.8     3.40     4.51
3.16     YES                    NO
 L0006193         0   0.62578E-03  471965.6 3756913.2   449.1     3.40     4.51
3.16     YES                    NO
 L0006194         0   0.62578E-03  471968.6 3756904.0   449.1     3.40     4.51
3.16     YES                    NO
 L0006195         0   0.62578E-03  471971.7 3756894.8   449.4     3.40     4.51
3.16     YES                    NO
 L0006196         0   0.62578E-03  471974.8 3756885.6   449.7     3.40     4.51
3.16     YES                    NO
 L0006197         0   0.62578E-03  471977.8 3756876.4   449.8     3.40     4.51
3.16     YES                    NO
 L0006198         0   0.62578E-03  471980.9 3756867.2   449.8     3.40     4.51
3.16     YES                    NO
 L0006199         0   0.62578E-03  471984.0 3756858.0   449.8     3.40     4.51
3.16     YES                    NO
 L0006200         0   0.62578E-03  471987.0 3756848.8   449.6     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0006201	0	0.62578E-03	471990.1	3756839.6	449.2	3.40	4.51	3.16	YES	NO	
L0006202	0	0.62578E-03	471993.2	3756830.4	448.8	3.40	4.51	3.16	YES	NO	
L0006203	0	0.62578E-03	471996.2	3756821.2	448.4	3.40	4.51	3.16	YES	NO	
L0006204	0	0.62578E-03	471999.3	3756811.9	448.2	3.40	4.51	3.16	YES	NO	
L0006205	0	0.62578E-03	472002.4	3756802.7	447.9	3.40	4.51	3.16	YES	NO	
L0006206	0	0.62578E-03	472005.4	3756793.5	447.8	3.40	4.51	3.16	YES	NO	
L0006207	0	0.62578E-03	472008.5	3756784.3	447.7	3.40	4.51	3.16	YES	NO	
L0006208	0	0.62578E-03	472011.6	3756775.1	447.5	3.40	4.51	3.16	YES	NO	
L0006209	0	0.62578E-03	472014.6	3756765.9	447.1	3.40	4.51	3.16	YES	NO	
L0006210	0	0.62578E-03	472017.7	3756756.7	446.9	3.40	4.51	3.16	YES	NO	
L0006211	0	0.62578E-03	472020.8	3756747.5	446.9	3.40	4.51	3.16	YES	NO	
L0006212	0	0.62578E-03	472023.8	3756738.3	447.1	3.40	4.51	3.16	YES	NO	
L0006213	0	0.62578E-03	472026.9	3756729.1	447.4	3.40	4.51	3.16	YES	NO	
L0006214	0	0.62578E-03	472030.0	3756719.9	447.5	3.40	4.51	3.16	YES	NO	
L0006215	0	0.62578E-03	472033.0	3756710.7	447.6	3.40	4.51	3.16	YES	NO	
L0006216	0	0.62578E-03	472036.1	3756701.5	447.7	3.40	4.51	3.16	YES	NO	
L0006217	0	0.62578E-03	472039.2	3756692.3	447.6	3.40	4.51	3.16	YES	NO	
L0006218	0	0.62578E-03	472042.2	3756683.1	447.7	3.40	4.51	3.16	YES	NO	
L0006219	0	0.62578E-03	472045.3	3756673.9	447.8	3.40	4.51				

3.16   YES   NO
 L0006220   0   0.62578E-03 472048.4 3756664.7   447.9   3.40   4.51
3.16   YES   NO
 L0006221   0   0.62578E-03 472051.5 3756655.5   448.2   3.40   4.51
3.16   YES   NO
 L0006222   0   0.62578E-03 472054.5 3756646.3   448.5   3.40   4.51
3.16   YES   NO
 L0006223   0   0.62578E-03 472057.6 3756637.1   448.9   3.40   4.51
3.16   YES   NO
 L0006224   0   0.62578E-03 472060.7 3756627.9   449.0   3.40   4.51
3.16   YES   NO
 L0006225   0   0.62578E-03 472063.7 3756618.7   449.1   3.40   4.51
3.16   YES   NO
 L0006226   0   0.62578E-03 472066.8 3756609.5   449.3   3.40   4.51
3.16   YES   NO
 L0006227   0   0.62578E-03 472072.4 3756601.8   449.6   3.40   4.51
3.16   YES   NO
 L0006228   0   0.62578E-03 472078.9 3756594.6   449.7   3.40   4.51
3.16   YES   NO
 L0006229   0   0.62578E-03 472085.5 3756587.4   449.9   3.40   4.51
3.16   YES   NO
 L0006230   0   0.62578E-03 472092.0 3756580.3   450.2   3.40   4.51
3.16   YES   NO
 L0006231   0   0.62578E-03 472098.5 3756573.1   450.8   3.40   4.51
3.16   YES   NO
 L0006232   0   0.62578E-03 472105.1 3756566.0   451.1   3.40   4.51
3.16   YES   NO
 L0006233   0   0.62578E-03 472111.6 3756558.8   451.3   3.40   4.51
3.16   YES   NO
 L0006234   0   0.62578E-03 472118.2 3756551.6   451.7   3.40   4.51
3.16   YES   NO
 L0006235   0   0.62578E-03 472124.7 3756544.5   452.6   3.40   4.51
3.16   YES   NO
 L0006236   0   0.62578E-03 472131.2 3756537.3   453.0   3.40   4.51
3.16   YES   NO
 L0006237   0   0.62578E-03 472137.8 3756530.1   453.3   3.40   4.51
3.16   YES   NO
 L0006238   0   0.62578E-03 472144.3 3756523.0   453.5   3.40   4.51
3.16   YES   NO
 L0006239   0   0.62578E-03 472150.9 3756515.8   454.4   3.40   4.51
3.16   YES   NO
 L0006240   0   0.62578E-03 472157.4 3756508.7   454.9   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0006241	0	0.62578E-03	472163.9	3756501.5	455.0	3.40	4.51	3.16	YES	NO
L0006242	0	0.62578E-03	472170.5	3756494.3	454.9	3.40	4.51	3.16	YES	NO
L0006243	0	0.62578E-03	472177.0	3756487.2	455.2	3.40	4.51	3.16	YES	NO
L0006244	0	0.62578E-03	472183.6	3756480.0	455.7	3.40	4.51	3.16	YES	NO
L0006245	0	0.62578E-03	472190.1	3756472.8	455.9	3.40	4.51	3.16	YES	NO
L0006246	0	0.62578E-03	472196.6	3756465.7	455.8	3.40	4.51	3.16	YES	NO
L0006247	0	0.62578E-03	472203.2	3756458.5	455.8	3.40	4.51	3.16	YES	NO
L0006248	0	0.62578E-03	472209.7	3756451.3	456.1	3.40	4.51	3.16	YES	NO
L0006249	0	0.62578E-03	472216.3	3756444.2	456.3	3.40	4.51	3.16	YES	NO
L0006250	0	0.62578E-03	472222.8	3756437.0	456.3	3.40	4.51	3.16	YES	NO
L0006251	0	0.62578E-03	472229.3	3756429.9	456.4	3.40	4.51	3.16	YES	NO
L0006252	0	0.62578E-03	472235.9	3756422.7	456.4	3.40	4.51	3.16	YES	NO
L0006253	0	0.62578E-03	472242.4	3756415.5	456.7	3.40	4.51	3.16	YES	NO
L0006254	0	0.62578E-03	472249.0	3756408.4	456.9	3.40	4.51	3.16	YES	NO
L0006255	0	0.62578E-03	472255.5	3756401.2	457.0	3.40	4.51	3.16	YES	NO
L0006256	0	0.62578E-03	472262.0	3756394.0	457.1	3.40	4.51	3.16	YES	NO
L0006257	0	0.62578E-03	472268.6	3756386.9	457.4	3.40	4.51	3.16	YES	NO
L0006258	0	0.62578E-03	472275.1	3756379.7	457.7	3.40	4.51	3.16	YES	NO
L0006259	0	0.62578E-03	472281.7	3756372.5	457.9	3.40	4.51			

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3.16     YES                    NO
 L0006260         0   0.62578E-03  472288.2 3756365.4   458.2     3.40     4.51
3.16     YES                    NO
 L0006261         0   0.62578E-03  472294.7 3756358.2   458.3     3.40     4.51
3.16     YES                    NO
 L0006262         0   0.62578E-03  472301.3 3756351.1   458.6     3.40     4.51
3.16     YES                    NO
 L0006263         0   0.62578E-03  472308.1 3756344.3   458.9     3.40     4.51
3.16     YES                    NO
 L0006264         0   0.62578E-03  472317.0 3756340.4   459.0     3.40     4.51
3.16     YES                    NO
 L0006265         0   0.62578E-03  472325.9 3756336.5   459.2     3.40     4.51
3.16     YES                    NO
 L0006266         0   0.62578E-03  472334.7 3756332.5   459.3     3.40     4.51
3.16     YES                    NO
 L0006267         0   0.62578E-03  472343.6 3756328.6   459.3     3.40     4.51
3.16     YES                    NO
 L0006268         0   0.62578E-03  472352.5 3756324.6   459.5     3.40     4.51
3.16     YES                    NO
 L0006269         0   0.62578E-03  472361.3 3756320.7   459.7     3.40     4.51
3.16     YES                    NO
 L0006270         0   0.62578E-03  472370.2 3756316.8   459.8     3.40     4.51
3.16     YES                    NO
 L0006271         0   0.62578E-03  472379.1 3756312.8   460.0     3.40     4.51
3.16     YES                    NO
 L0006272         0   0.62578E-03  472387.9 3756308.9   460.1     3.40     4.51
3.16     YES                    NO
 L0006273         0   0.62578E-03  472396.8 3756304.9   460.1     3.40     4.51
3.16     YES                    NO
 L0006274         0   0.62578E-03  472405.6 3756301.0   460.0     3.40     4.51
3.16     YES                    NO
 L0006275         0   0.62578E-03  472414.5 3756297.1   460.0     3.40     4.51
3.16     YES                    NO
 L0006276         0   0.62578E-03  472423.4 3756293.1   459.4     3.40     4.51
3.16     YES                    NO
 L0006277         0   0.62578E-03  472432.2 3756289.2   458.1     3.40     4.51
3.16     YES                    NO
 L0006278         0   0.62578E-03  472441.1 3756285.2   457.0     3.40     4.51
3.16     YES                    NO
 L0006279         0   0.62578E-03  472450.0 3756281.3   456.4     3.40     4.51
3.16     YES                    NO
 L0006280         0   0.62578E-03  472458.8 3756277.4   455.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0006281	0	0.62578E-03	472467.7	3756273.4	454.8	3.40	4.51	3.16	YES	NO	
L0006282	0	0.62578E-03	472476.6	3756269.5	455.6	3.40	4.51	3.16	YES	NO	
L0006283	0	0.62578E-03	472485.4	3756265.5	457.4	3.40	4.51	3.16	YES	NO	
L0006284	0	0.62578E-03	472494.3	3756261.6	459.1	3.40	4.51	3.16	YES	NO	
L0006285	0	0.62578E-03	472503.2	3756257.7	459.7	3.40	4.51	3.16	YES	NO	
L0006286	0	0.62578E-03	472512.0	3756253.7	460.0	3.40	4.51	3.16	YES	NO	
L0006287	0	0.62578E-03	472520.9	3756249.8	460.4	3.40	4.51	3.16	YES	NO	
L0006288	0	0.62578E-03	472529.7	3756245.8	460.4	3.40	4.51	3.16	YES	NO	
L0006289	0	0.62578E-03	472538.6	3756241.9	460.4	3.40	4.51	3.16	YES	NO	
L0006290	0	0.62578E-03	472547.5	3756238.0	460.5	3.40	4.51	3.16	YES	NO	
L0006291	0	0.62578E-03	472556.3	3756234.0	460.6	3.40	4.51	3.16	YES	NO	
L0006292	0	0.62578E-03	472565.2	3756230.1	460.6	3.40	4.51	3.16	YES	NO	
L0006293	0	0.62578E-03	472574.1	3756226.1	460.7	3.40	4.51	3.16	YES	NO	
L0006294	0	0.62578E-03	472582.9	3756222.2	460.8	3.40	4.51	3.16	YES	NO	
L0006295	0	0.62578E-03	472591.8	3756218.3	460.9	3.40	4.51	3.16	YES	NO	
L0006296	0	0.62578E-03	472600.7	3756214.3	460.9	3.40	4.51	3.16	YES	NO	
L0006297	0	0.62578E-03	472609.5	3756210.4	461.0	3.40	4.51	3.16	YES	NO	
L0006298	0	0.62578E-03	472618.4	3756206.5	461.1	3.40	4.51	3.16	YES	NO	
L0006299	0	0.62578E-03	472627.2	3756202.5	461.3	3.40	4.51				

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3.16     YES                    NO
 L0006300         0   0.62578E-03  472636.1 3756198.6   461.5     3.40     4.51
3.16     YES                    NO
 L0006301         0   0.62578E-03  472645.0 3756194.6   461.6     3.40     4.51
3.16     YES                    NO
 L0006302         0   0.62578E-03  472653.8 3756190.7   461.7     3.40     4.51
3.16     YES                    NO
 L0006303         0   0.62578E-03  472662.7 3756186.8   461.9     3.40     4.51
3.16     YES                    NO
 L0006304         0   0.62578E-03  472671.6 3756182.8   462.0     3.40     4.51
3.16     YES                    NO
 L0006305         0   0.62578E-03  472680.4 3756178.9   462.2     3.40     4.51
3.16     YES                    NO
 L0006306         0   0.62578E-03  472689.3 3756174.9   462.3     3.40     4.51
3.16     YES                    NO
 L0006307         0   0.62578E-03  472698.2 3756171.0   462.6     3.40     4.51
3.16     YES                    NO
 L0006308         0   0.62578E-03  472707.0 3756167.1   462.8     3.40     4.51
3.16     YES                    NO
 L0006309         0   0.62578E-03  472715.9 3756163.1   463.0     3.40     4.51
3.16     YES                    NO
 L0006310         0   0.62578E-03  472724.8 3756159.2   463.2     3.40     4.51
3.16     YES                    NO
 L0006311         0   0.62578E-03  472733.6 3756155.2   463.3     3.40     4.51
3.16     YES                    NO
 L0006312         0   0.62578E-03  472742.5 3756151.3   463.5     3.40     4.51
3.16     YES                    NO
 L0006313         0   0.62578E-03  472751.3 3756147.4   463.6     3.40     4.51
3.16     YES                    NO
 L0006314         0   0.62578E-03  472760.2 3756143.4   463.7     3.40     4.51
3.16     YES                    NO
 L0006315         0   0.62578E-03  472769.1 3756139.5   464.0     3.40     4.51
3.16     YES                    NO
 L0006316         0   0.62578E-03  472777.9 3756135.5   464.3     3.40     4.51
3.16     YES                    NO
 L0006317         0   0.62578E-03  472786.8 3756131.6   464.6     3.40     4.51
3.16     YES                    NO
 L0006318         0   0.62578E-03  472795.7 3756127.7   464.8     3.40     4.51
3.16     YES                    NO
 L0006319         0   0.62578E-03  472804.5 3756123.7   464.9     3.40     4.51
3.16     YES                    NO
 L0006320         0   0.62578E-03  472813.4 3756119.8   465.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0006321	0	0.62578E-03	472822.3	3756115.8	465.4	3.40	4.51	3.16	YES	NO
L0006322	0	0.62578E-03	472831.1	3756111.9	465.6	3.40	4.51	3.16	YES	NO
L0006323	0	0.62578E-03	472840.0	3756108.0	466.0	3.40	4.51	3.16	YES	NO
L0006324	0	0.62578E-03	472848.8	3756104.0	466.2	3.40	4.51	3.16	YES	NO
L0006325	0	0.62578E-03	472857.7	3756100.1	466.4	3.40	4.51	3.16	YES	NO
L0006326	0	0.62578E-03	472866.6	3756096.1	466.6	3.40	4.51	3.16	YES	NO
L0006327	0	0.62578E-03	472875.4	3756092.2	466.8	3.40	4.51	3.16	YES	NO
L0006328	0	0.62578E-03	472884.3	3756088.3	467.1	3.40	4.51	3.16	YES	NO
L0006329	0	0.62578E-03	472893.2	3756084.3	467.3	3.40	4.51	3.16	YES	NO
L0006330	0	0.62578E-03	472902.0	3756080.4	467.6	3.40	4.51	3.16	YES	NO
L0006331	0	0.62578E-03	472910.9	3756076.4	467.8	3.40	4.51	3.16	YES	NO
L0006332	0	0.62578E-03	472919.8	3756072.5	468.1	3.40	4.51	3.16	YES	NO
L0006333	0	0.62578E-03	472928.9	3756069.2	468.3	3.40	4.51	3.16	YES	NO
L0006334	0	0.62578E-03	472938.1	3756066.1	468.7	3.40	4.51	3.16	YES	NO
L0006335	0	0.62578E-03	472947.3	3756063.1	469.1	3.40	4.51	3.16	YES	NO
L0006336	0	0.62578E-03	472956.5	3756060.0	469.7	3.40	4.51	3.16	YES	NO
L0006337	0	0.62578E-03	472965.7	3756056.9	470.4	3.40	4.51	3.16	YES	NO
L0006338	0	0.62578E-03	472974.9	3756053.9	471.1	3.40	4.51	3.16	YES	NO
L0006339	0	0.62578E-03	472984.1	3756050.8	472.0	3.40	4.51			

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3.16     YES                    NO
 L0006340         0   0.62578E-03  472993.3 3756047.7   472.5     3.40     4.51
3.16     YES                    NO
 L0006341         0   0.62578E-03  473002.5 3756044.7   473.1     3.40     4.51
3.16     YES                    NO
 L0006342         0   0.62578E-03  473011.7 3756041.6   473.8     3.40     4.51
3.16     YES                    NO
 L0006343         0   0.62578E-03  473020.9 3756038.5   474.4     3.40     4.51
3.16     YES                    NO
 L0006344         0   0.62578E-03  473030.1 3756035.5   475.1     3.40     4.51
3.16     YES                    NO
 L0006345         0   0.62578E-03  473039.3 3756032.4   475.8     3.40     4.51
3.16     YES                    NO
 L0006346         0   0.62578E-03  473048.5 3756029.3   476.5     3.40     4.51
3.16     YES                    NO
 L0006347         0   0.62578E-03  473057.7 3756026.3   477.2     3.40     4.51
3.16     YES                    NO
 L0006348         0   0.62578E-03  473066.9 3756023.2   477.9     3.40     4.51
3.16     YES                    NO
 L0006349         0   0.62578E-03  473076.1 3756020.1   478.5     3.40     4.51
3.16     YES                    NO
 L0006350         0   0.62578E-03  473085.3 3756017.0   478.8     3.40     4.51
3.16     YES                    NO
 L0006351         0   0.62578E-03  473094.5 3756014.0   478.9     3.40     4.51
3.16     YES                    NO
 L0006352         0   0.62578E-03  473103.7 3756010.9   478.9     3.40     4.51
3.16     YES                    NO
 L0006353         0   0.62578E-03  473112.9 3756007.8   479.0     3.40     4.51
3.16     YES                    NO
 L0006354         0   0.62578E-03  473122.1 3756004.8   479.0     3.40     4.51
3.16     YES                    NO
 L0006355         0   0.62578E-03  473131.3 3756001.7   479.0     3.40     4.51
3.16     YES                    NO
 L0006356         0   0.62578E-03  473140.5 3755998.6   479.0     3.40     4.51
3.16     YES                    NO
 L0006357         0   0.62578E-03  473149.7 3755995.6   479.0     3.40     4.51
3.16     YES                    NO
 L0006358         0   0.62578E-03  473158.9 3755992.5   479.0     3.40     4.51
3.16     YES                    NO
 L0006359         0   0.62578E-03  473168.1 3755989.4   479.1     3.40     4.51
3.16     YES                    NO
 L0006360         0   0.62578E-03  473177.3 3755986.4   479.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0006361	0	0.62578E-03	473186.5	3755983.3	478.9	3.40	4.51	3.16	YES	NO	
L0006362	0	0.62578E-03	473195.7	3755980.2	478.9	3.40	4.51	3.16	YES	NO	
L0006363	0	0.62578E-03	473204.9	3755977.2	478.8	3.40	4.51	3.16	YES	NO	
L0006364	0	0.62578E-03	473214.1	3755974.1	478.8	3.40	4.51	3.16	YES	NO	
L0006365	0	0.62578E-03	473223.3	3755971.0	478.8	3.40	4.51	3.16	YES	NO	
L0006366	0	0.62578E-03	473232.7	3755969.0	478.8	3.40	4.51	3.16	YES	NO	
L0006367	0	0.62578E-03	473242.4	3755969.7	478.8	3.40	4.51	3.16	YES	NO	
L0006368	0	0.62578E-03	473252.0	3755970.3	478.9	3.40	4.51	3.16	YES	NO	
L0006369	0	0.62578E-03	473261.7	3755971.0	479.0	3.40	4.51	3.16	YES	NO	
L0006370	0	0.62578E-03	473271.4	3755971.6	479.1	3.40	4.51	3.16	YES	NO	
L0006371	0	0.62578E-03	473281.1	3755972.3	479.2	3.40	4.51	3.16	YES	NO	
L0006372	0	0.62578E-03	473290.7	3755972.9	479.3	3.40	4.51	3.16	YES	NO	
L0006373	0	0.62578E-03	473300.4	3755973.5	479.4	3.40	4.51	3.16	YES	NO	
L0006374	0	0.62578E-03	473310.1	3755974.2	479.6	3.40	4.51	3.16	YES	NO	
L0006375	0	0.62578E-03	473319.8	3755974.8	479.7	3.40	4.51	3.16	YES	NO	
L0006376	0	0.62578E-03	473329.5	3755975.5	479.9	3.40	4.51	3.16	YES	NO	
L0006377	0	0.62578E-03	473339.1	3755976.1	480.1	3.40	4.51	3.16	YES	NO	
L0006378	0	0.62578E-03	473348.8	3755976.8	480.4	3.40	4.51	3.16	YES	NO	
L0006379	0	0.62578E-03	473358.5	3755977.4	480.6	3.40	4.51				

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3.16     YES                    NO
 L0006380         0   0.62578E-03  473368.2 3755978.1   480.9     3.40     4.51
3.16     YES                    NO
 L0006381         0   0.62578E-03  473377.9 3755978.7   481.2     3.40     4.51
3.16     YES                    NO
 L0006382         0   0.62578E-03  473387.5 3755979.4   481.4     3.40     4.51
3.16     YES                    NO
 L0006383         0   0.62578E-03  473397.2 3755980.0   481.8     3.40     4.51
3.16     YES                    NO
 L0006384         0   0.62578E-03  473406.9 3755979.7   482.1     3.40     4.51
3.16     YES                    NO
 L0006385         0   0.62578E-03  473416.5 3755978.9   482.4     3.40     4.51
3.16     YES                    NO
 L0006386         0   0.62578E-03  473426.2 3755978.1   482.7     3.40     4.51
3.16     YES                    NO
 L0006387         0   0.62578E-03  473435.9 3755977.2   483.0     3.40     4.51
3.16     YES                    NO
 L0006388         0   0.62578E-03  473445.5 3755976.4   483.3     3.40     4.51
3.16     YES                    NO
 L0006389         0   0.62578E-03  473455.2 3755975.6   483.7     3.40     4.51
3.16     YES                    NO
 L0006390         0   0.62578E-03  473464.9 3755974.8   484.0     3.40     4.51
3.16     YES                    NO
 L0006391         0   0.62578E-03  473474.5 3755973.9   484.3     3.40     4.51
3.16     YES                    NO
 L0006392         0   0.62578E-03  473484.2 3755973.1   484.6     3.40     4.51
3.16     YES                    NO
 L0006393         0   0.62578E-03  473493.9 3755972.3   485.0     3.40     4.51
3.16     YES                    NO
 L0006394         0   0.62578E-03  473503.5 3755971.4   485.3     3.40     4.51
3.16     YES                    NO
 L0006395         0   0.62578E-03  473513.2 3755970.6   485.6     3.40     4.51
3.16     YES                    NO
 L0006396         0   0.62578E-03  473522.9 3755969.8   486.0     3.40     4.51
3.16     YES                    NO
 L0006397         0   0.62578E-03  473532.5 3755969.0   486.3     3.40     4.51
3.16     YES                    NO
 L0006398         0   0.62578E-03  473542.2 3755968.1   486.7     3.40     4.51
3.16     YES                    NO
 L0006399         0   0.62578E-03  473551.8 3755967.3   487.0     3.40     4.51
3.16     YES                    NO
 L0006400         0   0.62578E-03  473561.5 3755966.5   487.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE VARY BY	AIRCRAFT
L0006401	0	0.62578E-03	473571.2	3755965.6	487.7	3.40	4.51	3.16	YES	NO
L0006402	0	0.62578E-03	473580.8	3755964.8	488.1	3.40	4.51	3.16	YES	NO
L0006403	0	0.62578E-03	473590.5	3755964.0	488.5	3.40	4.51	3.16	YES	NO
L0006404	0	0.62578E-03	473600.2	3755963.2	489.0	3.40	4.51	3.16	YES	NO
L0006405	0	0.62578E-03	473609.8	3755962.3	489.6	3.40	4.51	3.16	YES	NO
L0006406	0	0.62578E-03	473619.5	3755961.5	490.2	3.40	4.51	3.16	YES	NO
L0006407	0	0.62578E-03	473629.2	3755960.7	490.7	3.40	4.51	3.16	YES	NO
L0006408	0	0.62578E-03	473638.8	3755959.8	491.0	3.40	4.51	3.16	YES	NO
L0006409	0	0.62578E-03	473648.5	3755959.0	491.3	3.40	4.51	3.16	YES	NO
L0006410	0	0.62578E-03	473658.2	3755958.2	491.7	3.40	4.51	3.16	YES	NO
L0006411	0	0.62578E-03	473667.8	3755957.4	492.1	3.40	4.51	3.16	YES	NO
L0006412	0	0.62578E-03	473677.5	3755956.5	492.4	3.40	4.51	3.16	YES	NO
L0006413	0	0.62578E-03	473687.2	3755955.7	492.8	3.40	4.51	3.16	YES	NO
L0006414	0	0.62578E-03	473696.8	3755954.9	493.2	3.40	4.51	3.16	YES	NO
L0006415	0	0.62578E-03	473706.5	3755954.0	493.6	3.40	4.51	3.16	YES	NO
L0006416	0	0.62578E-03	473716.1	3755953.2	493.9	3.40	4.51	3.16	YES	NO
L0006417	0	0.62578E-03	473725.8	3755952.4	494.3	3.40	4.51	3.16	YES	NO
L0006418	0	0.62578E-03	473735.5	3755951.6	494.7	3.40	4.51	3.16	YES	NO
L0006419	0	0.62578E-03	473745.1	3755950.7	495.0	3.40	4.51			

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3.16     YES                    NO
 L0006420         0   0.62578E-03  473754.8 3755949.9   495.3     3.40     4.51
3.16     YES                    NO
 L0006421         0   0.62578E-03  473764.5 3755949.1   495.6     3.40     4.51
3.16     YES                    NO
 L0006422         0   0.62578E-03  473774.1 3755948.2   495.9     3.40     4.51
3.16     YES                    NO
 L0006423         0   0.62578E-03  473783.8 3755947.4   496.3     3.40     4.51
3.16     YES                    NO
 L0006424         0   0.62578E-03  473793.5 3755946.6   496.9     3.40     4.51
3.16     YES                    NO
 L0006425         0   0.62578E-03  473803.1 3755945.3   497.4     3.40     4.51
3.16     YES                    NO
 L0006426         0   0.62578E-03  473812.6 3755943.3   497.6     3.40     4.51
3.16     YES                    NO
 L0006427         0   0.62578E-03  473822.0 3755941.3   497.7     3.40     4.51
3.16     YES                    NO
 L0006428         0   0.62578E-03  473831.5 3755939.3   497.8     3.40     4.51
3.16     YES                    NO
 L0006429         0   0.62578E-03  473841.0 3755937.3   498.0     3.40     4.51
3.16     YES                    NO
 L0006430         0   0.62578E-03  473850.5 3755935.3   498.2     3.40     4.51
3.16     YES                    NO
 L0006431         0   0.62578E-03  473860.0 3755933.3   498.4     3.40     4.51
3.16     YES                    NO
 L0006432         0   0.62578E-03  473869.5 3755931.4   498.7     3.40     4.51
3.16     YES                    NO
 L0006433         0   0.62578E-03  473879.0 3755929.4   498.9     3.40     4.51
3.16     YES                    NO
 L0006434         0   0.62578E-03  473888.5 3755927.4   499.2     3.40     4.51
3.16     YES                    NO
 L0006435         0   0.62578E-03  473898.0 3755925.4   499.6     3.40     4.51
3.16     YES                    NO
 L0006436         0   0.62578E-03  473907.5 3755923.4   499.9     3.40     4.51
3.16     YES                    NO
 L0006437         0   0.62578E-03  473917.0 3755921.4   500.1     3.40     4.51
3.16     YES                    NO
 L0006438         0   0.62578E-03  473926.5 3755919.4   500.4     3.40     4.51
3.16     YES                    NO
 L0006439         0   0.62578E-03  473936.0 3755917.4   500.6     3.40     4.51
3.16     YES                    NO
 L0006440         0   0.62578E-03  473945.4 3755915.4   500.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0006441	0	0.62578E-03	473954.9	3755913.4	500.9	3.40	4.51	3.16	YES	NO	
L0006442	0	0.62578E-03	473964.4	3755911.4	501.1	3.40	4.51	3.16	YES	NO	
L0006443	0	0.62578E-03	473973.9	3755909.4	501.2	3.40	4.51	3.16	YES	NO	
L0006444	0	0.62578E-03	473983.4	3755907.4	501.4	3.40	4.51	3.16	YES	NO	
L0006445	0	0.62578E-03	473992.9	3755905.4	501.6	3.40	4.51	3.16	YES	NO	
L0006446	0	0.62578E-03	474002.4	3755903.4	501.8	3.40	4.51	3.16	YES	NO	
L0006447	0	0.62578E-03	474011.9	3755901.4	502.0	3.40	4.51	3.16	YES	NO	
L0006448	0	0.62578E-03	474021.4	3755899.4	502.3	3.40	4.51	3.16	YES	NO	
L0006449	0	0.62578E-03	474030.9	3755897.4	502.5	3.40	4.51	3.16	YES	NO	
L0006450	0	0.62578E-03	474040.4	3755895.4	502.7	3.40	4.51	3.16	YES	NO	
L0006451	0	0.62578E-03	474049.9	3755893.4	502.9	3.40	4.51	3.16	YES	NO	
L0006452	0	0.62578E-03	474059.3	3755891.4	503.0	3.40	4.51	3.16	YES	NO	
L0006453	0	0.62578E-03	474068.8	3755889.4	503.0	3.40	4.51	3.16	YES	NO	
L0006454	0	0.62578E-03	474078.3	3755887.4	503.0	3.40	4.51	3.16	YES	NO	
L0006455	0	0.62578E-03	474087.8	3755885.4	503.0	3.40	4.51	3.16	YES	NO	
L0006456	0	0.62578E-03	474097.3	3755883.4	502.9	3.40	4.51	3.16	YES	NO	
L0006457	0	0.62578E-03	474106.8	3755881.4	502.9	3.40	4.51	3.16	YES	NO	
L0006458	0	0.62578E-03	474116.3	3755879.4	502.9	3.40	4.51	3.16	YES	NO	
L0006459	0	0.62578E-03	474125.8	3755877.4	502.9	3.40	4.51				

3.16   YES   NO
 L0006460   0   0.62578E-03 474135.3 3755875.4   502.9   3.40   4.51
3.16   YES   NO
 L0006461   0   0.62578E-03 474144.8 3755873.4   502.8   3.40   4.51
3.16   YES   NO
 L0006462   0   0.62578E-03 474154.3 3755871.4   502.8   3.40   4.51
3.16   YES   NO
 L0006463   0   0.62578E-03 474163.8 3755869.4   502.9   3.40   4.51
3.16   YES   NO
 L0006464   0   0.62578E-03 474173.2 3755867.4   502.8   3.40   4.51
3.16   YES   NO
 L0006465   0   0.62578E-03 474182.7 3755865.4   502.7   3.40   4.51
3.16   YES   NO
 L0006466   0   0.62578E-03 474192.2 3755863.4   502.3   3.40   4.51
3.16   YES   NO
 L0006467   0   0.62578E-03 474201.7 3755861.4   500.9   3.40   4.51
3.16   YES   NO
 L0006468   0   0.62578E-03 474211.2 3755859.4   499.6   3.40   4.51
3.16   YES   NO
 L0006469   0   0.62578E-03 474220.7 3755857.4   498.9   3.40   4.51
3.16   YES   NO
 L0006470   0   0.62578E-03 474230.2 3755855.4   498.8   3.40   4.51
3.16   YES   NO
 L0006471   0   0.62578E-03 474239.7 3755853.4   498.8   3.40   4.51
3.16   YES   NO
 L0006472   0   0.62578E-03 474249.2 3755851.4   499.4   3.40   4.51
3.16   YES   NO
 L0006473   0   0.62578E-03 474258.7 3755849.4   500.1   3.40   4.51
3.16   YES   NO
 L0006474   0   0.62578E-03 474268.2 3755847.4   500.9   3.40   4.51
3.16   YES   NO
 L0006475   0   0.62578E-03 474277.7 3755845.4   501.1   3.40   4.51
3.16   YES   NO
 L0006476   0   0.62578E-03 474287.2 3755843.4   501.4   3.40   4.51
3.16   YES   NO
 L0006477   0   0.62578E-03 474296.6 3755841.4   501.6   3.40   4.51
3.16   YES   NO
 L0006478   0   0.62578E-03 474306.1 3755839.4   501.9   3.40   4.51
3.16   YES   NO
 L0006479   0   0.62578E-03 474315.6 3755837.4   502.2   3.40   4.51
3.16   YES   NO
 L0006480   0   0.62578E-03 474325.1 3755835.4   502.4   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0006481	0	0.62578E-03	474334.6	3755833.4	502.7	3.40	4.51	3.16	YES	NO
L0006482	0	0.62578E-03	474344.1	3755831.4	502.9	3.40	4.51	3.16	YES	NO
L0006483	0	0.62578E-03	474353.6	3755829.4	502.9	3.40	4.51	3.16	YES	NO
L0006484	0	0.62578E-03	474363.1	3755827.4	502.8	3.40	4.51	3.16	YES	NO
L0006485	0	0.62578E-03	474372.6	3755825.4	502.9	3.40	4.51	3.16	YES	NO
L0006486	0	0.62578E-03	474382.1	3755823.4	503.0	3.40	4.51	3.16	YES	NO
L0006487	0	0.62578E-03	474391.6	3755821.4	503.2	3.40	4.51	3.16	YES	NO
L0006488	0	0.62578E-03	474401.1	3755819.4	503.3	3.40	4.51	3.16	YES	NO
L0006489	0	0.62578E-03	474410.5	3755817.4	503.5	3.40	4.51	3.16	YES	NO
L0006490	0	0.62578E-03	474420.0	3755815.4	503.6	3.40	4.51	3.16	YES	NO
L0006491	0	0.62578E-03	474429.5	3755813.5	504.0	3.40	4.51	3.16	YES	NO
L0006492	0	0.62578E-03	474439.0	3755811.5	504.2	3.40	4.51	3.16	YES	NO
L0006493	0	0.62578E-03	474448.5	3755809.5	504.5	3.40	4.51	3.16	YES	NO
L0006494	0	0.62578E-03	474458.0	3755807.5	504.7	3.40	4.51	3.16	YES	NO
L0006495	0	0.62578E-03	474467.5	3755805.5	504.9	3.40	4.51	3.16	YES	NO
L0006496	0	0.62578E-03	474477.0	3755803.5	505.1	3.40	4.51	3.16	YES	NO
L0006497	0	0.62578E-03	474486.5	3755801.5	505.3	3.40	4.51	3.16	YES	NO
L0006498	0	0.62578E-03	474496.0	3755799.5	505.5	3.40	4.51	3.16	YES	NO
L0006499	0	0.62578E-03	474505.5	3755797.5	505.8	3.40	4.51			

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3.16     YES                    NO
 L0006500         0   0.62578E-03  474515.0 3755795.5   506.1     3.40     4.51
3.16     YES                    NO
 L0006501         0   0.62578E-03  474524.5 3755793.5   506.4     3.40     4.51
3.16     YES                    NO
 L0006502         0   0.62578E-03  474533.9 3755791.5   506.5     3.40     4.51
3.16     YES                    NO
 L0006503         0   0.62578E-03  474543.4 3755789.5   506.7     3.40     4.51
3.16     YES                    NO
 L0006504         0   0.62578E-03  474552.9 3755787.5   506.6     3.40     4.51
3.16     YES                    NO
 L0006505         0   0.62578E-03  474562.4 3755785.5   506.4     3.40     4.51
3.16     YES                    NO
 L0006506         0   0.62578E-03  474571.9 3755783.5   506.3     3.40     4.51
3.16     YES                    NO
 L0006507         0   0.62578E-03  474581.4 3755781.5   505.9     3.40     4.51
3.16     YES                    NO
 L0006508         0   0.62578E-03  474590.9 3755779.5   505.4     3.40     4.51
3.16     YES                    NO
 L0006509         0   0.62578E-03  474600.4 3755777.5   505.1     3.40     4.51
3.16     YES                    NO
 L0006510         0   0.62578E-03  474609.9 3755775.5   505.3     3.40     4.51
3.16     YES                    NO
 L0006511         0   0.62578E-03  474619.4 3755773.5   505.5     3.40     4.51
3.16     YES                    NO
 L0006512         0   0.62578E-03  474628.9 3755771.5   505.9     3.40     4.51
3.16     YES                    NO
 L0006513         0   0.62578E-03  474638.4 3755769.5   506.8     3.40     4.51
3.16     YES                    NO
 L0006514         0   0.62578E-03  474647.8 3755767.5   507.7     3.40     4.51
3.16     YES                    NO
 L0006515         0   0.62578E-03  474657.3 3755765.5   508.2     3.40     4.51
3.16     YES                    NO
 L0006516         0   0.62578E-03  474666.8 3755763.5   508.6     3.40     4.51
3.16     YES                    NO
 L0006517         0   0.62578E-03  474676.3 3755761.5   508.9     3.40     4.51
3.16     YES                    NO
 L0006518         0   0.62578E-03  474685.8 3755759.5   508.9     3.40     4.51
3.16     YES                    NO
 L0006519         0   0.62578E-03  474695.3 3755757.5   508.9     3.40     4.51
3.16     YES                    NO
 L0006520         0   0.62578E-03  474704.8 3755755.5   508.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0006521	0	0.62578E-03	474714.3	3755753.5	508.9	3.40	4.51	3.16	YES	NO	
L0006522	0	0.62578E-03	474723.8	3755751.5	508.8	3.40	4.51	3.16	YES	NO	
L0006523	0	0.62578E-03	474733.3	3755749.5	508.6	3.40	4.51	3.16	YES	NO	
L0006524	0	0.62578E-03	474742.8	3755747.5	508.3	3.40	4.51	3.16	YES	NO	
L0006525	0	0.62578E-03	474752.3	3755745.5	508.1	3.40	4.51	3.16	YES	NO	
L0006526	0	0.62578E-03	474761.7	3755743.5	507.9	3.40	4.51	3.16	YES	NO	
L0006527	0	0.62578E-03	474771.2	3755741.5	507.8	3.40	4.51	3.16	YES	NO	
L0006528	0	0.62578E-03	474780.7	3755739.5	507.8	3.40	4.51	3.16	YES	NO	
L0006529	0	0.62578E-03	474790.2	3755737.5	507.9	3.40	4.51	3.16	YES	NO	
L0006530	0	0.62578E-03	474799.7	3755735.5	507.9	3.40	4.51	3.16	YES	NO	
L0006531	0	0.62578E-03	474809.2	3755733.5	507.8	3.40	4.51	3.16	YES	NO	
L0006532	0	0.62578E-03	474818.7	3755731.5	507.6	3.40	4.51	3.16	YES	NO	
L0006533	0	0.62578E-03	474828.2	3755729.5	507.5	3.40	4.51	3.16	YES	NO	
L0006534	0	0.62578E-03	474837.7	3755727.5	507.4	3.40	4.51	3.16	YES	NO	
L0006535	0	0.62578E-03	474847.2	3755725.5	507.3	3.40	4.51	3.16	YES	NO	
L0006536	0	0.62578E-03	474856.7	3755723.5	507.2	3.40	4.51	3.16	YES	NO	
L0006537	0	0.62578E-03	474866.2	3755721.5	507.2	3.40	4.51	3.16	YES	NO	
L0006538	0	0.62578E-03	474875.7	3755719.5	507.2	3.40	4.51	3.16	YES	NO	
L0006539	0	0.62578E-03	474885.1	3755717.5	507.1	3.40	4.51				

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3.16     YES                    NO
 L0006540         0   0.62578E-03  474894.6 3755715.5   507.1     3.40     4.51
3.16     YES                    NO
 L0006541         0   0.62578E-03  474904.1 3755713.5   507.1     3.40     4.51
3.16     YES                    NO
 L0006542         0   0.62578E-03  474913.6 3755711.5   507.2     3.40     4.51
3.16     YES                    NO
 L0006543         0   0.62578E-03  474923.1 3755709.5   507.2     3.40     4.51
3.16     YES                    NO
 L0006544         0   0.62578E-03  474932.6 3755707.5   507.2     3.40     4.51
3.16     YES                    NO
 L0006545         0   0.62578E-03  474942.1 3755705.5   507.1     3.40     4.51
3.16     YES                    NO
 L0006546         0   0.62578E-03  474951.6 3755703.5   507.0     3.40     4.51
3.16     YES                    NO
 L0006547         0   0.62578E-03  474961.1 3755701.5   506.8     3.40     4.51
3.16     YES                    NO
 L0006548         0   0.62578E-03  474970.6 3755699.5   506.6     3.40     4.51
3.16     YES                    NO
 L0006549         0   0.62578E-03  474980.1 3755697.5   506.4     3.40     4.51
3.16     YES                    NO
 L0006550         0   0.62578E-03  474989.6 3755695.6   506.2     3.40     4.51
3.16     YES                    NO
 L0006551         0   0.62578E-03  474999.0 3755693.6   506.1     3.40     4.51
3.16     YES                    NO
 L0006552         0   0.62578E-03  475008.5 3755691.6   505.9     3.40     4.51
3.16     YES                    NO
 L0006553         0   0.62578E-03  475018.0 3755689.6   505.8     3.40     4.51
3.16     YES                    NO
 L0006554         0   0.62578E-03  475027.5 3755687.6   505.8     3.40     4.51
3.16     YES                    NO
 L0006555         0   0.62578E-03  475037.0 3755685.6   505.7     3.40     4.51
3.16     YES                    NO
 L0006556         0   0.62578E-03  475046.5 3755683.6   505.7     3.40     4.51
3.16     YES                    NO
 L0006557         0   0.62578E-03  475056.0 3755681.6   505.7     3.40     4.51
3.16     YES                    NO
 L0006558         0   0.62578E-03  475065.5 3755679.6   505.8     3.40     4.51
3.16     YES                    NO
 L0006559         0   0.62578E-03  475075.0 3755677.6   505.8     3.40     4.51
3.16     YES                    NO
 L0006560         0   0.62578E-03  475084.5 3755675.6   505.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0006561	0	0.62578E-03	475094.0	3755673.6	505.8	3.40	4.51	3.16	YES	NO	
L0006562	0	0.62578E-03	475103.5	3755671.6	505.8	3.40	4.51	3.16	YES	NO	
L0006563	0	0.62578E-03	475113.0	3755669.6	505.7	3.40	4.51	3.16	YES	NO	
L0006564	0	0.62578E-03	475122.4	3755667.6	505.6	3.40	4.51	3.16	YES	NO	
L0006565	0	0.62578E-03	475131.9	3755665.6	505.4	3.40	4.51	3.16	YES	NO	
L0006566	0	0.62578E-03	475141.4	3755663.6	505.3	3.40	4.51	3.16	YES	NO	
L0006567	0	0.62578E-03	475150.9	3755661.6	505.2	3.40	4.51	3.16	YES	NO	
L0006568	0	0.62578E-03	475160.4	3755659.6	505.0	3.40	4.51	3.16	YES	NO	
L0006569	0	0.62578E-03	475169.9	3755657.6	504.9	3.40	4.51	3.16	YES	NO	
L0006570	0	0.62578E-03	475179.4	3755655.6	504.8	3.40	4.51	3.16	YES	NO	
L0006571	0	0.62578E-03	475188.9	3755653.6	504.7	3.40	4.51	3.16	YES	NO	
L0006572	0	0.62578E-03	475198.4	3755651.6	504.6	3.40	4.51	3.16	YES	NO	
L0006573	0	0.62578E-03	475207.9	3755649.6	504.6	3.40	4.51	3.16	YES	NO	
L0006574	0	0.62578E-03	475217.4	3755647.6	504.6	3.40	4.51	3.16	YES	NO	
L0006575	0	0.62578E-03	475226.9	3755645.6	504.6	3.40	4.51	3.16	YES	NO	
L0006576	0	0.62578E-03	475236.3	3755643.6	504.6	3.40	4.51	3.16	YES	NO	
L0006577	0	0.62578E-03	475245.8	3755641.6	504.5	3.40	4.51	3.16	YES	NO	
L0006578	0	0.62578E-03	475255.3	3755639.6	504.5	3.40	4.51	3.16	YES	NO	
L0006579	0	0.62578E-03	475264.8	3755637.6	504.5	3.40	4.51				

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3.16     YES                    NO
 L0006580         0   0.62578E-03  475274.3 3755635.6   504.4     3.40     4.51
3.16     YES                    NO
 L0006581         0   0.62578E-03  475283.8 3755633.6   504.3     3.40     4.51
3.16     YES                    NO
 L0006582         0   0.62578E-03  475293.3 3755631.6   504.2     3.40     4.51
3.16     YES                    NO
 L0006583         0   0.62578E-03  475302.8 3755629.6   504.0     3.40     4.51
3.16     YES                    NO
 L0006584         0   0.62578E-03  475312.3 3755627.6   503.9     3.40     4.51
3.16     YES                    NO
 L0006585         0   0.84890E-03  465260.4 3764100.3   268.2     3.40     4.51
3.16     YES                    NO
 L0006586         0   0.84890E-03  465270.1 3764100.0   268.2     3.40     4.51
3.16     YES                    NO
 L0006587         0   0.84890E-03  465279.7 3764099.7   268.2     3.40     4.51
3.16     YES                    NO
 L0006588         0   0.84890E-03  465289.4 3764099.4   268.1     3.40     4.51
3.16     YES                    NO
 L0006589         0   0.84890E-03  465299.1 3764099.1   267.9     3.40     4.51
3.16     YES                    NO
 L0006590         0   0.84890E-03  465308.8 3764098.8   267.6     3.40     4.51
3.16     YES                    NO
 L0006591         0   0.84890E-03  465318.5 3764098.5   267.4     3.40     4.51
3.16     YES                    NO
 L0006592         0   0.84890E-03  465328.2 3764098.3   267.4     3.40     4.51
3.16     YES                    NO
 L0006593         0   0.84890E-03  465337.9 3764098.0   267.3     3.40     4.51
3.16     YES                    NO
 L0006594         0   0.84890E-03  465347.6 3764097.7   267.0     3.40     4.51
3.16     YES                    NO
 L0006595         0   0.84890E-03  465357.3 3764097.4   266.7     3.40     4.51
3.16     YES                    NO
 L0006596         0   0.84890E-03  465367.0 3764097.1   266.3     3.40     4.51
3.16     YES                    NO
 L0006597         0   0.84890E-03  465376.7 3764096.8   265.9     3.40     4.51
3.16     YES                    NO
 L0006598         0   0.84890E-03  465380.1 3764090.6   265.5     3.40     4.51
3.16     YES                    NO
 L0006599         0   0.84890E-03  465379.7 3764080.9   265.3     3.40     4.51
3.16     YES                    NO
 L0006600         0   0.84890E-03  465379.4 3764071.2   264.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0006601	0	0.84890E-03	465379.0	3764061.5	264.5	3.40	4.51	3.16	YES	NO
L0006602	0	0.84890E-03	465378.7	3764051.8	264.1	3.40	4.51	3.16	YES	NO
L0006603	0	0.84890E-03	465378.3	3764042.1	263.7	3.40	4.51	3.16	YES	NO
L0006604	0	0.84890E-03	465378.0	3764032.4	263.4	3.40	4.51	3.16	YES	NO
L0006605	0	0.84890E-03	465377.6	3764022.7	263.0	3.40	4.51	3.16	YES	NO
L0006606	0	0.84890E-03	465377.2	3764013.0	262.5	3.40	4.51	3.16	YES	NO
L0006607	0	0.84890E-03	465376.9	3764003.4	262.0	3.40	4.51	3.16	YES	NO
L0006608	0	0.84890E-03	465376.2	3763993.8	261.6	3.40	4.51	3.16	YES	NO
L0006609	0	0.84890E-03	465371.2	3763985.4	261.1	3.40	4.51	3.16	YES	NO
L0006610	0	0.84890E-03	465363.6	3763979.9	261.1	3.40	4.51	3.16	YES	NO
L0006611	0	0.84890E-03	465355.0	3763975.5	261.3	3.40	4.51	3.16	YES	NO
L0006612	0	0.84890E-03	465346.4	3763971.0	261.8	3.40	4.51	3.16	YES	NO
L0006613	0	0.84890E-03	465337.0	3763969.1	262.7	3.40	4.51	3.16	YES	NO
L0006614	0	0.84890E-03	465327.4	3763968.3	263.1	3.40	4.51	3.16	YES	NO
L0006615	0	0.84890E-03	465317.7	3763967.5	263.6	3.40	4.51	3.16	YES	NO
L0006616	0	0.84890E-03	465308.0	3763966.7	264.0	3.40	4.51	3.16	YES	NO
L0006617	0	0.84890E-03	465298.4	3763965.9	264.2	3.40	4.51	3.16	YES	NO
L0006618	0	0.84890E-03	465288.7	3763965.7	264.5	3.40	4.51	3.16	YES	NO
L0006619	0	0.84890E-03	465279.0	3763965.4	264.9	3.40	4.51			

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3.16     YES                    NO
 L0006620         0   0.84890E-03  465269.3 3763965.2   265.2     3.40     4.51
3.16     YES                    NO
 L0006621         0   0.84890E-03  465259.6 3763964.9   265.6     3.40     4.51
3.16     YES                    NO
 L0006622         0   0.84890E-03  465249.9 3763964.7   265.9     3.40     4.51
3.16     YES                    NO
 L0006623         0   0.84890E-03  465240.5 3763964.0   266.2     3.40     4.51
3.16     YES                    NO
 L0006624         0   0.84890E-03  465239.8 3763954.4   266.2     3.40     4.51
3.16     YES                    NO
 L0006625         0   0.84890E-03  465239.1 3763944.7   266.2     3.40     4.51
3.16     YES                    NO
 L0006626         0   0.84890E-03  465238.3 3763935.0   266.2     3.40     4.51
3.16     YES                    NO
 L0006627         0   0.84890E-03  465237.6 3763925.4   266.1     3.40     4.51
3.16     YES                    NO
 L0006628         0   0.84890E-03  465236.9 3763915.7   266.1     3.40     4.51
3.16     YES                    NO
 L0006629         0   0.84890E-03  465236.1 3763906.0   266.1     3.40     4.51
3.16     YES                    NO
 L0006630         0   0.84890E-03  465235.4 3763896.3   266.0     3.40     4.51
3.16     YES                    NO
 L0006631         0   0.84890E-03  465234.7 3763886.7   266.0     3.40     4.51
3.16     YES                    NO
 L0006632         0   0.84890E-03  465234.0 3763877.0   265.9     3.40     4.51
3.16     YES                    NO
 L0006633         0   0.84890E-03  465231.5 3763867.6   266.0     3.40     4.51
3.16     YES                    NO
 L0006634         0   0.84890E-03  465228.8 3763858.3   265.9     3.40     4.51
3.16     YES                    NO
 L0006635         0   0.84890E-03  465226.1 3763849.0   265.9     3.40     4.51
3.16     YES                    NO
 L0006636         0   0.84890E-03  465223.4 3763839.7   265.9     3.40     4.51
3.16     YES                    NO
 L0006637         0   0.84890E-03  465217.5 3763832.0   265.7     3.40     4.51
3.16     YES                    NO
 L0006638         0   0.84890E-03  465211.6 3763824.3   265.8     3.40     4.51
3.16     YES                    NO
 L0006639         0   0.84890E-03  465205.7 3763816.6   265.9     3.40     4.51
3.16     YES                    NO
 L0006640         0   0.84890E-03  465199.8 3763808.9   265.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0006641	0	0.84890E-03	465192.3	3763802.9	266.0	3.40	4.51	3.16	YES	NO
L0006642	0	0.84890E-03	465184.4	3763797.2	266.2	3.40	4.51	3.16	YES	NO
L0006643	0	0.84890E-03	465176.5	3763791.6	266.3	3.40	4.51	3.16	YES	NO
L0006644	0	0.84890E-03	465168.5	3763786.1	266.5	3.40	4.51	3.16	YES	NO
L0006645	0	0.84890E-03	465159.8	3763781.9	266.6	3.40	4.51	3.16	YES	NO
L0006646	0	0.84890E-03	465151.0	3763777.7	266.7	3.40	4.51	3.16	YES	NO
L0006647	0	0.84890E-03	465142.3	3763773.5	266.9	3.40	4.51	3.16	YES	NO
L0006648	0	0.84890E-03	465133.5	3763769.3	267.1	3.40	4.51	3.16	YES	NO
L0006649	0	0.84890E-03	465124.0	3763768.0	267.4	3.40	4.51	3.16	YES	NO
L0006650	0	0.84890E-03	465114.4	3763767.1	267.7	3.40	4.51	3.16	YES	NO
L0006651	0	0.84890E-03	465104.7	3763766.3	268.0	3.40	4.51	3.16	YES	NO
L0006652	0	0.84890E-03	465095.0	3763765.5	268.3	3.40	4.51	3.16	YES	NO
L0006653	0	0.84890E-03	465085.3	3763765.0	268.6	3.40	4.51	3.16	YES	NO
L0006654	0	0.84890E-03	465075.6	3763765.1	268.9	3.40	4.51	3.16	YES	NO
L0006655	0	0.84890E-03	465066.0	3763765.2	269.1	3.40	4.51	3.16	YES	NO
L0006656	0	0.84890E-03	465056.2	3763765.3	269.3	3.40	4.51	3.16	YES	NO
L0006657	0	0.84890E-03	465046.6	3763765.5	269.5	3.40	4.51	3.16	YES	NO
L0006658	0	0.84890E-03	465036.9	3763765.6	269.6	3.40	4.51	3.16	YES	NO
L0006659	0	0.84890E-03	465027.2	3763765.7	269.8	3.40	4.51			

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3.16     YES                    NO
 L0006660         0   0.84890E-03  465017.5 3763765.9   269.9     3.40     4.51
3.16     YES                    NO
 L0006661         0   0.84890E-03  465007.8 3763766.0   270.0     3.40     4.51
3.16     YES                    NO
 L0006662         0   0.84890E-03  464998.1 3763766.1   270.1     3.40     4.51
3.16     YES                    NO
 L0006663         0   0.84890E-03  464988.4 3763766.2   270.1     3.40     4.51
3.16     YES                    NO
 L0006664         0   0.84890E-03  464978.7 3763766.4   270.2     3.40     4.51
3.16     YES                    NO
 L0006665         0   0.84890E-03  464969.0 3763766.5   270.2     3.40     4.51
3.16     YES                    NO
 L0006666         0   0.84890E-03  464959.3 3763766.6   270.2     3.40     4.51
3.16     YES                    NO
 L0006667         0   0.84890E-03  464949.6 3763766.8   270.2     3.40     4.51
3.16     YES                    NO
 L0006668         0   0.84890E-03  464939.9 3763766.9   270.1     3.40     4.51
3.16     YES                    NO
 L0006669         0   0.84890E-03  464930.2 3763767.0   269.9     3.40     4.51
3.16     YES                    NO
 L0006670         0   0.84890E-03  464920.5 3763767.1   270.0     3.40     4.51
3.16     YES                    NO
 L0006671         0   0.84890E-03  464910.8 3763767.3   270.1     3.40     4.51
3.16     YES                    NO
 L0006672         0   0.84890E-03  464901.1 3763767.4   270.2     3.40     4.51
3.16     YES                    NO
 L0006673         0   0.84890E-03  464891.4 3763767.5   270.3     3.40     4.51
3.16     YES                    NO
 L0006674         0   0.84890E-03  464881.7 3763767.7   270.3     3.40     4.51
3.16     YES                    NO
 L0006675         0   0.84890E-03  464872.0 3763767.8   270.4     3.40     4.51
3.16     YES                    NO
 L0006676         0   0.84890E-03  464862.3 3763767.9   270.4     3.40     4.51
3.16     YES                    NO
 L0006677         0   0.84890E-03  464852.6 3763768.0   270.4     3.40     4.51
3.16     YES                    NO
 L0006678         0   0.84890E-03  464842.9 3763768.2   270.5     3.40     4.51
3.16     YES                    NO
 L0006679         0   0.84890E-03  464833.2 3763768.3   270.5     3.40     4.51
3.16     YES                    NO
 L0006680         0   0.84890E-03  464823.5 3763768.4   270.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0006681	0	0.84890E-03	464813.8	3763768.6	270.5	3.40	4.51	3.16	YES	NO	
L0006682	0	0.84890E-03	464804.1	3763768.7	270.5	3.40	4.51	3.16	YES	NO	
L0006683	0	0.84890E-03	464794.4	3763768.8	270.5	3.40	4.51	3.16	YES	NO	
L0006684	0	0.84890E-03	464784.7	3763768.8	270.4	3.40	4.51	3.16	YES	NO	
L0006685	0	0.84890E-03	464775.0	3763768.9	270.4	3.40	4.51	3.16	YES	NO	
L0006686	0	0.84890E-03	464765.3	3763769.0	270.3	3.40	4.51	3.16	YES	NO	
L0006687	0	0.84890E-03	464755.6	3763769.1	270.2	3.40	4.51	3.16	YES	NO	
L0006688	0	0.84890E-03	464745.9	3763769.1	270.1	3.40	4.51	3.16	YES	NO	
L0006689	0	0.84890E-03	464736.2	3763769.2	270.0	3.40	4.51	3.16	YES	NO	
L0006690	0	0.84890E-03	464726.5	3763769.3	269.9	3.40	4.51	3.16	YES	NO	
L0006691	0	0.84890E-03	464716.8	3763769.4	269.7	3.40	4.51	3.16	YES	NO	
L0006692	0	0.84890E-03	464707.1	3763769.5	269.6	3.40	4.51	3.16	YES	NO	
L0006693	0	0.84890E-03	464697.4	3763769.5	269.4	3.40	4.51	3.16	YES	NO	
L0006694	0	0.84890E-03	464687.7	3763769.6	269.2	3.40	4.51	3.16	YES	NO	
L0006695	0	0.84890E-03	464678.0	3763769.7	268.9	3.40	4.51	3.16	YES	NO	
L0006696	0	0.84890E-03	464668.3	3763769.8	268.6	3.40	4.51	3.16	YES	NO	
L0006697	0	0.84890E-03	464658.6	3763769.8	267.9	3.40	4.51	3.16	YES	NO	
L0006698	0	0.84890E-03	464648.9	3763769.9	267.3	3.40	4.51	3.16	YES	NO	
L0006699	0	0.84890E-03	464642.4	3763766.7	266.7	3.40	4.51				

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3.16     YES                    NO
 L0006700         0   0.84890E-03  464642.4 3763757.0   266.2     3.40     4.51
3.16     YES                    NO
 L0006701         0   0.84890E-03  464643.2 3763747.4   265.8     3.40     4.51
3.16     YES                    NO
 L0006702         0   0.84890E-03  464644.7 3763737.8   265.3     3.40     4.51
3.16     YES                    NO
 L0006703         0   0.84890E-03  464646.7 3763728.3   265.0     3.40     4.51
3.16     YES                    NO
 L0006704         0   0.84890E-03  464649.3 3763719.0   264.8     3.40     4.51
3.16     YES                    NO
 L0006705         0   0.84890E-03  464651.9 3763709.6   264.5     3.40     4.51
3.16     YES                    NO
 L0006706         0   0.84890E-03  464654.4 3763700.3   264.1     3.40     4.51
3.16     YES                    NO
 L0006707         0   0.84890E-03  464657.0 3763690.9   263.8     3.40     4.51
3.16     YES                    NO
 L0006708         0   0.84890E-03  464659.6 3763681.6   263.3     3.40     4.51
3.16     YES                    NO
 L0006709         0   0.84890E-03  464660.5 3763671.9   262.5     3.40     4.51
3.16     YES                    NO
 L0006710         0   0.84890E-03  464661.4 3763662.3   261.7     3.40     4.51
3.16     YES                    NO
 L0006711         0   0.84890E-03  464664.3 3763653.0   261.1     3.40     4.51
3.16     YES                    NO
 L0006712         0   0.84890E-03  464667.1 3763643.8   260.4     3.40     4.51
3.16     YES                    NO
 L0006713         0   0.84890E-03  464670.0 3763634.5   259.9     3.40     4.51
3.16     YES                    NO
 L0006714         0   0.84890E-03  464671.2 3763624.9   259.3     3.40     4.51
3.16     YES                    NO
 L0006715         0   0.84890E-03  464672.2 3763615.3   258.8     3.40     4.51
3.16     YES                    NO
 L0006716         0   0.84890E-03  464673.2 3763605.6   258.4     3.40     4.51
3.16     YES                    NO
 L0006717         0   0.84890E-03  464670.8 3763596.4   257.2     3.40     4.51
3.16     YES                    NO
 L0006718         0   0.84890E-03  464667.4 3763587.3   256.4     3.40     4.51
3.16     YES                    NO
 L0006719         0   0.84890E-03  464662.2 3763579.1   256.1     3.40     4.51
3.16     YES                    NO
 L0006720         0   0.84890E-03  464657.0 3763571.0   255.7     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0006721	0	0.84890E-03	464651.7	3763562.8	255.4	3.40	4.51	3.16	YES	NO	
L0006722	0	0.84890E-03	464644.9	3763556.8	255.2	3.40	4.51	3.16	YES	NO	
L0006723	0	0.84890E-03	464635.6	3763553.8	254.9	3.40	4.51	3.16	YES	NO	
L0006724	0	0.84890E-03	464626.4	3763550.9	254.7	3.40	4.51	3.16	YES	NO	
L0006725	0	0.84890E-03	464617.1	3763548.0	254.5	3.40	4.51	3.16	YES	NO	
L0006726	0	0.84890E-03	464607.8	3763545.5	254.3	3.40	4.51	3.16	YES	NO	
L0006727	0	0.84890E-03	464598.1	3763545.5	254.3	3.40	4.51	3.16	YES	NO	
L0006728	0	0.84890E-03	464595.1	3763554.6	254.4	3.40	4.51	3.16	YES	NO	
L0006729	0	0.84890E-03	464592.2	3763563.9	254.5	3.40	4.51	3.16	YES	NO	
L0006730	0	0.84890E-03	464589.2	3763573.1	254.6	3.40	4.51	3.16	YES	NO	
L0006731	0	0.84890E-03	464586.3	3763582.4	254.7	3.40	4.51	3.16	YES	NO	
L0006732	0	0.84890E-03	464583.4	3763591.6	254.8	3.40	4.51	3.16	YES	NO	
L0006733	0	0.84890E-03	464580.5	3763600.9	255.0	3.40	4.51	3.16	YES	NO	
L0006734	0	0.84890E-03	464577.6	3763610.1	255.1	3.40	4.51	3.16	YES	NO	
L0006735	0	0.84890E-03	464574.6	3763619.4	255.2	3.40	4.51	3.16	YES	NO	
L0006736	0	0.84890E-03	464571.7	3763628.6	255.4	3.40	4.51	3.16	YES	NO	
L0006737	0	0.84890E-03	464568.8	3763637.9	255.5	3.40	4.51	3.16	YES	NO	
L0006738	0	0.84890E-03	464565.9	3763647.1	255.5	3.40	4.51	3.16	YES	NO	
L0006739	0	0.84890E-03	464563.0	3763656.4	255.6	3.40	4.51				

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3.16     YES                    NO
 L0006740         0   0.84890E-03  464560.0 3763665.6   255.8     3.40     4.51
3.16     YES                    NO
 L0006741         0   0.84890E-03  464557.1 3763674.9   255.9     3.40     4.51
3.16     YES                    NO
 L0006742         0   0.84890E-03  464554.2 3763684.1   256.0     3.40     4.51
3.16     YES                    NO
 L0006743         0   0.84890E-03  464551.3 3763693.4   256.1     3.40     4.51
3.16     YES                    NO
 L0006744         0   0.84890E-03  464548.4 3763702.6   256.2     3.40     4.51
3.16     YES                    NO
 L0006745         0   0.84890E-03  464545.5 3763711.9   256.2     3.40     4.51
3.16     YES                    NO
 L0006746         0   0.84890E-03  464542.5 3763721.1   256.3     3.40     4.51
3.16     YES                    NO
 L0006747         0   0.84890E-03  464539.6 3763730.4   256.3     3.40     4.51
3.16     YES                    NO
 L0006748         0   0.84890E-03  464536.7 3763739.6   256.4     3.40     4.51
3.16     YES                    NO
 L0006749         0   0.84890E-03  464533.8 3763748.9   256.5     3.40     4.51
3.16     YES                    NO
 L0006750         0   0.84890E-03  464530.9 3763758.1   256.6     3.40     4.51
3.16     YES                    NO
 L0006751         0   0.84890E-03  464527.9 3763767.4   256.7     3.40     4.51
3.16     YES                    NO
 L0006752         0   0.84890E-03  464525.0 3763776.6   256.9     3.40     4.51
3.16     YES                    NO
 L0006753         0   0.84890E-03  464522.1 3763785.9   257.0     3.40     4.51
3.16     YES                    NO
 L0006754         0   0.84890E-03  464519.2 3763795.1   257.1     3.40     4.51
3.16     YES                    NO
 L0006755         0   0.84890E-03  464516.3 3763804.4   257.1     3.40     4.51
3.16     YES                    NO
 L0006756         0   0.84890E-03  464513.3 3763813.6   257.2     3.40     4.51
3.16     YES                    NO
 L0006757         0   0.84890E-03  464510.4 3763822.9   257.2     3.40     4.51
3.16     YES                    NO
 L0006758         0   0.84890E-03  464507.5 3763832.1   257.3     3.40     4.51
3.16     YES                    NO
 L0006759         0   0.84890E-03  464504.6 3763841.4   257.4     3.40     4.51
3.16     YES                    NO
 L0006760         0   0.84890E-03  464501.7 3763850.6   257.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0006761	0	0.84890E-03	464498.7	3763859.9	257.6	3.40	4.51	3.16	YES	NO	
L0006762	0	0.84890E-03	464495.8	3763869.1	257.7	3.40	4.51	3.16	YES	NO	
L0006763	0	0.84890E-03	464492.9	3763878.4	257.8	3.40	4.51	3.16	YES	NO	
L0006764	0	0.84890E-03	464490.0	3763887.6	257.9	3.40	4.51	3.16	YES	NO	
L0006765	0	0.84890E-03	464487.1	3763896.9	258.0	3.40	4.51	3.16	YES	NO	
L0006766	0	0.84890E-03	464484.1	3763906.1	258.1	3.40	4.51	3.16	YES	NO	
L0006767	0	0.84890E-03	464481.2	3763915.4	258.2	3.40	4.51	3.16	YES	NO	
L0006768	0	0.84890E-03	464478.3	3763924.6	258.3	3.40	4.51	3.16	YES	NO	
L0006769	0	0.84890E-03	464475.4	3763933.9	258.4	3.40	4.51	3.16	YES	NO	
L0006770	0	0.84890E-03	464472.5	3763943.1	258.5	3.40	4.51	3.16	YES	NO	
L0006771	0	0.84890E-03	464469.5	3763952.4	258.6	3.40	4.51	3.16	YES	NO	
L0006772	0	0.84890E-03	464466.6	3763961.6	258.7	3.40	4.51	3.16	YES	NO	
L0006773	0	0.84890E-03	464463.7	3763970.9	258.7	3.40	4.51	3.16	YES	NO	
L0006774	0	0.84890E-03	464460.8	3763980.1	258.8	3.40	4.51	3.16	YES	NO	
L0006775	0	0.84890E-03	464457.9	3763989.4	258.9	3.40	4.51	3.16	YES	NO	
L0006776	0	0.84890E-03	464455.0	3763998.6	258.9	3.40	4.51	3.16	YES	NO	
L0006777	0	0.84890E-03	464452.0	3764007.9	259.0	3.40	4.51	3.16	YES	NO	
L0006778	0	0.84890E-03	464449.1	3764017.1	259.1	3.40	4.51	3.16	YES	NO	
L0006779	0	0.84890E-03	464446.2	3764026.4	259.2	3.40	4.51				

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3.16     YES                    NO
 L0006780         0   0.84890E-03  464443.3 3764035.6   259.4     3.40     4.51
3.16     YES                    NO
 L0006781         0   0.84890E-03  464440.4 3764044.9   259.4     3.40     4.51
3.16     YES                    NO
 L0006782         0   0.84890E-03  464437.4 3764054.1   259.5     3.40     4.51
3.16     YES                    NO
 L0006783         0   0.84890E-03  464434.5 3764063.4   259.6     3.40     4.51
3.16     YES                    NO
 L0006784         0   0.84890E-03  464431.6 3764072.6   259.7     3.40     4.51
3.16     YES                    NO
 L0006785         0   0.84890E-03  464428.7 3764081.9   259.7     3.40     4.51
3.16     YES                    NO
 L0006786         0   0.84890E-03  464425.6 3764091.1   259.9     3.40     4.51
3.16     YES                    NO
 L0006787         0   0.84890E-03  464421.4 3764099.8   260.0     3.40     4.51
3.16     YES                    NO
 L0006788         0   0.84890E-03  464417.3 3764108.6   260.1     3.40     4.51
3.16     YES                    NO
 L0006789         0   0.84890E-03  464413.2 3764117.4   260.2     3.40     4.51
3.16     YES                    NO
 L0006790         0   0.84890E-03  464409.1 3764126.2   260.2     3.40     4.51
3.16     YES                    NO
 L0006791         0   0.84890E-03  464405.0 3764135.0   260.3     3.40     4.51
3.16     YES                    NO
 L0006792         0   0.84890E-03  464400.8 3764143.8   260.3     3.40     4.51
3.16     YES                    NO
 L0006793         0   0.84890E-03  464396.7 3764152.5   260.4     3.40     4.51
3.16     YES                    NO
 L0006794         0   0.84890E-03  464392.6 3764161.3   260.5     3.40     4.51
3.16     YES                    NO
 L0006795         0   0.84890E-03  464388.5 3764170.1   260.7     3.40     4.51
3.16     YES                    NO
 L0006796         0   0.84890E-03  464384.4 3764178.9   260.7     3.40     4.51
3.16     YES                    NO
 L0006797         0   0.84890E-03  464380.2 3764187.7   260.9     3.40     4.51
3.16     YES                    NO
 L0006798         0   0.84890E-03  464376.1 3764196.5   261.0     3.40     4.51
3.16     YES                    NO
 L0006799         0   0.84890E-03  464372.0 3764205.2   261.2     3.40     4.51
3.16     YES                    NO
 L0006800         0   0.84890E-03  464367.9 3764214.0   261.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE SCALAR VARY BY	AIRCRAFT
L0006801	0	0.84890E-03	464363.8	3764222.8	261.5	3.40	4.51	3.16	YES	NO
L0006802	0	0.84890E-03	464359.6	3764231.6	261.8	3.40	4.51	3.16	YES	NO
L0006803	0	0.84890E-03	464355.5	3764240.4	262.1	3.40	4.51	3.16	YES	NO
L0006804	0	0.84890E-03	464351.4	3764249.1	262.2	3.40	4.51	3.16	YES	NO
L0006805	0	0.84890E-03	464347.3	3764257.9	262.4	3.40	4.51	3.16	YES	NO
L0006806	0	0.84890E-03	464342.7	3764266.4	262.6	3.40	4.51	3.16	YES	NO
L0006807	0	0.84890E-03	464336.1	3764273.5	262.7	3.40	4.51	3.16	YES	NO
L0006808	0	0.84890E-03	464329.5	3764280.6	262.8	3.40	4.51	3.16	YES	NO
L0006809	0	0.84890E-03	464322.9	3764287.7	262.9	3.40	4.51	3.16	YES	NO
L0006810	0	0.84890E-03	464316.3	3764294.8	263.0	3.40	4.51	3.16	YES	NO
L0006811	0	0.84890E-03	464309.7	3764301.9	263.2	3.40	4.51	3.16	YES	NO
L0006812	0	0.84890E-03	464301.3	3764306.3	263.2	3.40	4.51	3.16	YES	NO
L0006813	0	0.84890E-03	464292.3	3764309.9	263.2	3.40	4.51	3.16	YES	NO
L0006814	0	0.84890E-03	464283.2	3764313.5	263.2	3.40	4.51	3.16	YES	NO
L0006815	0	0.84890E-03	464274.2	3764317.1	263.3	3.40	4.51	3.16	YES	NO
L0006816	0	0.84890E-03	464265.2	3764320.7	263.4	3.40	4.51	3.16	YES	NO
L0006817	0	0.84890E-03	464256.2	3764324.3	263.5	3.40	4.51	3.16	YES	NO
L0006818	0	0.84890E-03	464247.2	3764327.9	263.6	3.40	4.51	3.16	YES	NO
L0006819	0	0.84890E-03	464238.2	3764331.6	263.6	3.40	4.51			

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3.16     YES                    NO
 L0006820         0   0.84890E-03  464229.2 3764335.2   263.7     3.40     4.51
3.16     YES                    NO
 L0006821         0   0.84890E-03  464220.2 3764338.8   263.8     3.40     4.51
3.16     YES                    NO
 L0006822         0   0.84890E-03  464211.2 3764342.4   263.8     3.40     4.51
3.16     YES                    NO
 L0006823         0   0.84890E-03  464202.2 3764346.0   263.9     3.40     4.51
3.16     YES                    NO
 L0006824         0   0.84890E-03  464193.2 3764349.6   264.0     3.40     4.51
3.16     YES                    NO
 L0006825         0   0.84890E-03  464184.1 3764353.0   264.1     3.40     4.51
3.16     YES                    NO
 L0006826         0   0.84890E-03  464174.5 3764353.8   264.2     3.40     4.51
3.16     YES                    NO
 L0006827         0   0.84890E-03  464164.8 3764354.7   264.3     3.40     4.51
3.16     YES                    NO
 L0006828         0   0.84890E-03  464155.1 3764355.5   264.4     3.40     4.51
3.16     YES                    NO
 L0006829         0   0.84890E-03  464145.5 3764356.4   264.5     3.40     4.51
3.16     YES                    NO
 L0006830         0   0.84890E-03  464135.8 3764357.3   264.6     3.40     4.51
3.16     YES                    NO
 L0006831         0   0.84890E-03  464126.2 3764358.1   264.7     3.40     4.51
3.16     YES                    NO
 L0006832         0   0.84890E-03  464116.5 3764359.0   264.8     3.40     4.51
3.16     YES                    NO
 L0006833         0   0.84890E-03  464106.8 3764359.8   264.9     3.40     4.51
3.16     YES                    NO
 L0006834         0   0.84890E-03  464097.2 3764360.7   265.0     3.40     4.51
3.16     YES                    NO
 L0006835         0   0.84890E-03  464087.5 3764361.6   265.1     3.40     4.51
3.16     YES                    NO
 L0006836         0   0.84890E-03  464077.8 3764362.4   265.2     3.40     4.51
3.16     YES                    NO
 L0006837         0   0.84890E-03  464068.2 3764363.3   265.2     3.40     4.51
3.16     YES                    NO
 L0006838         0   0.84890E-03  464061.0 3764366.8   265.2     3.40     4.51
3.16     YES                    NO
 L0006839         0   0.84890E-03  464059.4 3764376.3   265.4     3.40     4.51
3.16     YES                    NO
 L0006840         0   0.84890E-03  464057.9 3764385.9   265.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0006841	0	0.84890E-03	464056.4	3764395.5	265.7	3.40	4.51	3.16	YES	NO
L0006842	0	0.84890E-03	464054.8	3764405.1	265.8	3.40	4.51	3.16	YES	NO
L0006843	0	0.84890E-03	464053.3	3764414.6	265.9	3.40	4.51	3.16	YES	NO
L0006844	0	0.84890E-03	464051.7	3764424.2	266.0	3.40	4.51	3.16	YES	NO
L0006845	0	0.84890E-03	464050.2	3764433.8	266.1	3.40	4.51	3.16	YES	NO
L0006846	0	0.84890E-03	464048.7	3764443.4	266.2	3.40	4.51	3.16	YES	NO
L0006847	0	0.84890E-03	464047.1	3764453.0	266.3	3.40	4.51	3.16	YES	NO
L0006848	0	0.84890E-03	464045.6	3764462.5	266.4	3.40	4.51	3.16	YES	NO
L0006849	0	0.84890E-03	464044.0	3764472.1	266.5	3.40	4.51	3.16	YES	NO
L0006850	0	0.84890E-03	464042.5	3764481.7	266.6	3.40	4.51	3.16	YES	NO
L0006851	0	0.84890E-03	464041.0	3764491.3	266.7	3.40	4.51	3.16	YES	NO
L0006852	0	0.84890E-03	464039.4	3764500.8	266.8	3.40	4.51	3.16	YES	NO
L0006853	0	0.84890E-03	464037.9	3764510.4	266.9	3.40	4.51	3.16	YES	NO
L0006854	0	0.84890E-03	464036.5	3764520.0	267.0	3.40	4.51	3.16	YES	NO
L0006855	0	0.84890E-03	464035.4	3764529.6	267.1	3.40	4.51	3.16	YES	NO
L0006856	0	0.84890E-03	464034.3	3764539.3	267.2	3.40	4.51	3.16	YES	NO
L0006857	0	0.84890E-03	464033.2	3764548.9	267.3	3.40	4.51	3.16	YES	NO
L0006858	0	0.84890E-03	464032.1	3764558.6	267.5	3.40	4.51	3.16	YES	NO
L0006859	0	0.84890E-03	464031.0	3764568.2	267.6	3.40	4.51			

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3.16     YES                    NO
 L0006860         0   0.84890E-03  464029.9 3764577.8   267.7     3.40     4.51
3.16     YES                    NO
 L0006861         0   0.84890E-03  464028.8 3764587.5   267.7     3.40     4.51
3.16     YES                    NO
 L0006862         0   0.84890E-03  464027.7 3764597.1   267.9     3.40     4.51
3.16     YES                    NO
 L0006863         0   0.84890E-03  464026.6 3764606.8   268.0     3.40     4.51
3.16     YES                    NO
 L0006864         0   0.84890E-03  464025.6 3764616.4   268.1     3.40     4.51
3.16     YES                    NO
 L0006865         0   0.84890E-03  464024.5 3764626.0   268.2     3.40     4.51
3.16     YES                    NO
 L0006866         0   0.84890E-03  464023.4 3764635.7   268.4     3.40     4.51
3.16     YES                    NO
 L0006867         0   0.84890E-03  464022.3 3764645.3   268.6     3.40     4.51
3.16     YES                    NO
 L0006868         0   0.84890E-03  464021.2 3764654.9   268.8     3.40     4.51
3.16     YES                    NO
 L0006869         0   0.84890E-03  464020.1 3764664.6   269.0     3.40     4.51
3.16     YES                    NO
 L0006870         0   0.84890E-03  464019.0 3764674.2   269.2     3.40     4.51
3.16     YES                    NO
 L0006871         0   0.84890E-03  464017.9 3764683.9   269.4     3.40     4.51
3.16     YES                    NO
 L0006872         0   0.84890E-03  464016.8 3764693.5   269.7     3.40     4.51
3.16     YES                    NO
 L0006873         0   0.84890E-03  464015.7 3764703.1   270.0     3.40     4.51
3.16     YES                    NO
 L0006874         0   0.84890E-03  464014.6 3764712.8   270.3     3.40     4.51
3.16     YES                    NO
 L0006875         0   0.84890E-03  464013.6 3764722.4   270.6     3.40     4.51
3.16     YES                    NO
 L0006876         0   0.84890E-03  464012.5 3764732.1   270.9     3.40     4.51
3.16     YES                    NO
 L0006877         0   0.84890E-03  464011.4 3764741.7   271.2     3.40     4.51
3.16     YES                    NO
 L0006878         0   0.84890E-03  464010.3 3764751.3   271.5     3.40     4.51
3.16     YES                    NO
 L0006879         0   0.84890E-03  464009.2 3764761.0   271.8     3.40     4.51
3.16     YES                    NO
 L0006880         0   0.84890E-03  464008.1 3764770.6   272.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0006881	0	0.84890E-03	464007.0	3764780.2	272.4	3.40	4.51	3.16	YES	NO	
L0006882	0	0.84890E-03	464005.9	3764789.9	272.7	3.40	4.51	3.16	YES	NO	
L0006883	0	0.84890E-03	464004.8	3764799.5	273.1	3.40	4.51	3.16	YES	NO	
L0006884	0	0.84890E-03	464003.7	3764809.2	273.7	3.40	4.51	3.16	YES	NO	
L0006885	0	0.84890E-03	464002.6	3764818.8	274.1	3.40	4.51	3.16	YES	NO	
L0006886	0	0.84890E-03	464001.6	3764828.4	274.6	3.40	4.51	3.16	YES	NO	
L0006887	0	0.84890E-03	464000.5	3764838.1	275.2	3.40	4.51	3.16	YES	NO	
L0006888	0	0.84890E-03	463999.4	3764847.7	275.7	3.40	4.51	3.16	YES	NO	
L0006889	0	0.84890E-03	463998.3	3764857.4	276.2	3.40	4.51	3.16	YES	NO	
L0006890	0	0.84890E-03	463997.2	3764867.0	276.8	3.40	4.51	3.16	YES	NO	
L0006891	0	0.84890E-03	463996.1	3764876.6	277.5	3.40	4.51	3.16	YES	NO	
L0006892	0	0.84890E-03	463995.0	3764886.3	278.1	3.40	4.51	3.16	YES	NO	
L0006893	0	0.84890E-03	463993.9	3764895.9	278.8	3.40	4.51	3.16	YES	NO	
L0006894	0	0.84890E-03	463992.8	3764905.5	279.4	3.40	4.51	3.16	YES	NO	
L0006895	0	0.84890E-03	463991.7	3764915.2	280.1	3.40	4.51	3.16	YES	NO	
L0006896	0	0.84890E-03	463990.6	3764924.8	280.7	3.40	4.51	3.16	YES	NO	
L0006897	0	0.84890E-03	463989.5	3764934.5	281.3	3.40	4.51	3.16	YES	NO	
L0006898	0	0.84890E-03	463988.5	3764944.1	281.9	3.40	4.51	3.16	YES	NO	
L0006899	0	0.84890E-03	463987.4	3764953.7	282.4	3.40	4.51				

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3.16     YES                    NO
 L0006900         0   0.84890E-03  463988.4 3764963.4   282.8     3.40     4.51
3.16     YES                    NO
 L0006901         0   0.84890E-03  463989.4 3764973.0   283.2     3.40     4.51
3.16     YES                    NO
 L0006902         0   0.84890E-03  463990.4 3764982.7   283.6     3.40     4.51
3.16     YES                    NO
 L0006903         0   0.84890E-03  463991.4 3764992.3   284.1     3.40     4.51
3.16     YES                    NO
 L0006904         0   0.84890E-03  463992.4 3765002.0   284.5     3.40     4.51
3.16     YES                    NO
 L0006905         0   0.84890E-03  463993.5 3765011.6   284.9     3.40     4.51
3.16     YES                    NO
 L0006906         0   0.84890E-03  463994.5 3765021.3   285.6     3.40     4.51
3.16     YES                    NO
 L0006907         0   0.84890E-03  463995.5 3765030.9   286.4     3.40     4.51
3.16     YES                    NO
 L0006908         0   0.84890E-03  463996.5 3765040.6   287.2     3.40     4.51
3.16     YES                    NO
 L0006909         0   0.84890E-03  463997.5 3765050.2   287.9     3.40     4.51
3.16     YES                    NO
 L0006910         0   0.84890E-03  463998.5 3765059.9   288.8     3.40     4.51
3.16     YES                    NO
 L0006911         0   0.84890E-03  463999.5 3765069.5   289.7     3.40     4.51
3.16     YES                    NO
 L0006912         0   0.84890E-03  464000.5 3765079.2   290.2     3.40     4.51
3.16     YES                    NO
 L0006913         0   0.84890E-03  464001.5 3765088.8   290.5     3.40     4.51
3.16     YES                    NO
 L0006914         0   0.84890E-03  464002.4 3765098.5   290.8     3.40     4.51
3.16     YES                    NO
 L0006915         0   0.84890E-03  464003.2 3765108.1   290.9     3.40     4.51
3.16     YES                    NO
 L0006916         0   0.84890E-03  464004.1 3765117.8   290.7     3.40     4.51
3.16     YES                    NO
 L0006917         0   0.84890E-03  464005.0 3765127.4   290.6     3.40     4.51
3.16     YES                    NO
 L0006918         0   0.84890E-03  464005.9 3765137.1   290.4     3.40     4.51
3.16     YES                    NO
 L0006919         0   0.84890E-03  464006.8 3765146.8   290.2     3.40     4.51
3.16     YES                    NO
 L0006920         0   0.84890E-03  464007.7 3765156.4   290.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0006921	0	0.84890E-03	464008.6	3765166.1	289.9	3.40	4.51	3.16	YES	NO
L0006922	0	0.84890E-03	464009.5	3765175.7	289.7	3.40	4.51	3.16	YES	NO
L0006923	0	0.84890E-03	464010.4	3765185.4	289.5	3.40	4.51	3.16	YES	NO
L0006924	0	0.84890E-03	464011.3	3765195.1	289.3	3.40	4.51	3.16	YES	NO
L0006925	0	0.84890E-03	464011.8	3765204.7	288.8	3.40	4.51	3.16	YES	NO
L0006926	0	0.84890E-03	464010.1	3765214.2	288.6	3.40	4.51	3.16	YES	NO
L0006927	0	0.84890E-03	464008.3	3765223.8	288.5	3.40	4.51	3.16	YES	NO
L0006928	0	0.84890E-03	464006.6	3765233.3	288.1	3.40	4.51	3.16	YES	NO
L0006929	0	0.84890E-03	464004.9	3765242.9	287.3	3.40	4.51	3.16	YES	NO
L0006930	0	0.84890E-03	464003.2	3765252.4	286.5	3.40	4.51	3.16	YES	NO
L0006931	0	0.84890E-03	464001.5	3765262.0	285.7	3.40	4.51	3.16	YES	NO
L0006932	0	0.84890E-03	463999.8	3765271.5	285.0	3.40	4.51	3.16	YES	NO
L0006933	0	0.84890E-03	463998.0	3765281.1	284.2	3.40	4.51	3.16	YES	NO
L0006934	0	0.84890E-03	463996.3	3765290.6	283.6	3.40	4.51	3.16	YES	NO
L0006935	0	0.84890E-03	463994.6	3765300.2	283.4	3.40	4.51	3.16	YES	NO
L0006936	0	0.84890E-03	463992.9	3765309.7	283.2	3.40	4.51	3.16	YES	NO
L0006937	0	0.84890E-03	463991.2	3765319.3	282.9	3.40	4.51	3.16	YES	NO
L0006938	0	0.84890E-03	463989.4	3765328.8	282.7	3.40	4.51	3.16	YES	NO
L0006939	0	0.84890E-03	463987.7	3765338.3	282.4	3.40	4.51			

3.16   YES   NO
 L0006940   0   0.84890E-03 463985.8 3765347.9   282.1   3.40   4.51
3.16   YES   NO
 L0006941   0   0.84890E-03 463983.9 3765357.4   281.9   3.40   4.51
3.16   YES   NO
 L0006942   0   0.84890E-03 463982.0 3765366.9   281.8   3.40   4.51
3.16   YES   NO
 L0006943   0   0.84890E-03 463980.0 3765376.4   281.7   3.40   4.51
3.16   YES   NO
 L0006944   0   0.84890E-03 463978.1 3765385.9   281.7   3.40   4.51
3.16   YES   NO
 L0006945   0   0.84890E-03 463976.1 3765395.4   281.6   3.40   4.51
3.16   YES   NO
 L0006946   0   0.84890E-03 463974.2 3765404.9   281.6   3.40   4.51
3.16   YES   NO
 L0006947   0   0.84890E-03 463972.3 3765414.4   281.5   3.40   4.51
3.16   YES   NO
 L0006948   0   0.84890E-03 463970.3 3765423.9   281.4   3.40   4.51
3.16   YES   NO
 L0006949   0   0.84890E-03 463968.4 3765433.4   281.2   3.40   4.51
3.16   YES   NO
 L0006950   0   0.84890E-03 463966.5 3765442.9   281.1   3.40   4.51
3.16   YES   NO
 L0006951   0   0.84890E-03 463964.5 3765452.4   280.9   3.40   4.51
3.16   YES   NO
 L0006952   0   0.84890E-03 463962.6 3765461.9   280.8   3.40   4.51
3.16   YES   NO
 L0006953   0   0.84890E-03 463960.7 3765471.4   280.6   3.40   4.51
3.16   YES   NO
 L0006954   0   0.84890E-03 463958.7 3765480.9   280.6   3.40   4.51
3.16   YES   NO
 L0006955   0   0.84890E-03 463956.4 3765490.3   280.6   3.40   4.51
3.16   YES   NO
 L0006956   0   0.84890E-03 463952.9 3765499.4   280.7   3.40   4.51
3.16   YES   NO
 L0006957   0   0.84890E-03 463949.4 3765508.4   280.8   3.40   4.51
3.16   YES   NO
 L0006958   0   0.84890E-03 463945.9 3765517.5   280.9   3.40   4.51
3.16   YES   NO
 L0006959   0   0.84890E-03 463942.4 3765526.5   281.0   3.40   4.51
3.16   YES   NO
 L0006960   0   0.84890E-03 463938.9 3765535.6   281.0   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0006961	0	0.84890E-03		463935.4	3765544.6	281.1	3.40	4.51	3.16	YES	NO
L0006962	0	0.84890E-03		463932.0	3765553.7	281.2	3.40	4.51	3.16	YES	NO
L0006963	0	0.84890E-03		463928.5	3765562.7	281.4	3.40	4.51	3.16	YES	NO
L0006964	0	0.84890E-03		463925.0	3765571.8	281.6	3.40	4.51	3.16	YES	NO
L0006965	0	0.84890E-03		463921.5	3765580.8	281.7	3.40	4.51	3.16	YES	NO
L0006966	0	0.84890E-03		463918.0	3765589.9	281.7	3.40	4.51	3.16	YES	NO
L0006967	0	0.84890E-03		463914.5	3765598.9	281.7	3.40	4.51	3.16	YES	NO
L0006968	0	0.84890E-03		463911.0	3765607.9	281.8	3.40	4.51	3.16	YES	NO
L0006969	0	0.84890E-03		463906.0	3765616.3	281.9	3.40	4.51	3.16	YES	NO
L0006970	0	0.84890E-03		463901.0	3765624.5	282.1	3.40	4.51	3.16	YES	NO
L0006971	0	0.84890E-03		463895.9	3765632.8	282.2	3.40	4.51	3.16	YES	NO
L0006972	0	0.84890E-03		463890.8	3765641.0	282.2	3.40	4.51	3.16	YES	NO
L0006973	0	0.84890E-03		463885.7	3765649.3	282.3	3.40	4.51	3.16	YES	NO
L0006974	0	0.84890E-03		463880.6	3765657.5	282.3	3.40	4.51	3.16	YES	NO
L0006975	0	0.84890E-03		463875.5	3765665.8	282.4	3.40	4.51	3.16	YES	NO
L0006976	0	0.84890E-03		463870.4	3765674.1	282.4	3.40	4.51	3.16	YES	NO
L0006977	0	0.84890E-03		463865.3	3765682.3	282.5	3.40	4.51	3.16	YES	NO
L0006978	0	0.84890E-03		463860.2	3765690.6	282.5	3.40	4.51	3.16	YES	NO
L0006979	0	0.84890E-03		463855.1	3765698.8	282.6	3.40	4.51			

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3.16     YES                    NO
 L0006980         0   0.84890E-03  463850.2 3765707.2   282.7     3.40     4.51
3.16     YES                    NO
 L0006981         0   0.84890E-03  463845.5 3765715.7   282.7     3.40     4.51
3.16     YES                    NO
 L0006982         0   0.84890E-03  463840.8 3765724.2   282.7     3.40     4.51
3.16     YES                    NO
 L0006983         0   0.84890E-03  463836.1 3765732.7   282.7     3.40     4.51
3.16     YES                    NO
 L0006984         0   0.84890E-03  463831.4 3765741.2   282.8     3.40     4.51
3.16     YES                    NO
 L0006985         0   0.84890E-03  463826.8 3765749.7   282.8     3.40     4.51
3.16     YES                    NO
 L0006986         0   0.84890E-03  463822.1 3765758.1   282.8     3.40     4.51
3.16     YES                    NO
 L0006987         0   0.84890E-03  463817.4 3765766.6   282.9     3.40     4.51
3.16     YES                    NO
 L0006988         0   0.84890E-03  463812.7 3765775.1   282.9     3.40     4.51
3.16     YES                    NO
 L0006989         0   0.84890E-03  463808.0 3765783.6   283.0     3.40     4.51
3.16     YES                    NO
 L0006990         0   0.84890E-03  463803.3 3765792.1   283.1     3.40     4.51
3.16     YES                    NO
 L0006991         0   0.84890E-03  463798.6 3765800.6   283.2     3.40     4.51
3.16     YES                    NO
 L0006992         0   0.84890E-03  463793.9 3765809.1   283.3     3.40     4.51
3.16     YES                    NO
 L0006993         0   0.84890E-03  463789.2 3765817.6   283.3     3.40     4.51
3.16     YES                    NO
 L0006994         0   0.84890E-03  463784.5 3765826.1   283.4     3.40     4.51
3.16     YES                    NO
 L0006995         0   0.84890E-03  463779.8 3765834.5   283.4     3.40     4.51
3.16     YES                    NO
 L0006996         0   0.84890E-03  463775.1 3765843.0   283.5     3.40     4.51
3.16     YES                    NO
 L0006997         0   0.84890E-03  463770.4 3765851.5   283.5     3.40     4.51
3.16     YES                    NO
 L0006998         0   0.84890E-03  463765.7 3765860.0   283.6     3.40     4.51
3.16     YES                    NO
 L0006999         0   0.84890E-03  463761.0 3765868.5   283.7     3.40     4.51
3.16     YES                    NO
 L0007000         0   0.84890E-03  463756.3 3765877.0   283.8     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0007001	0	0.84890E-03	463751.7	3765885.5	283.9	3.40	4.51	3.16	YES	NO
L0007002	0	0.84890E-03	463747.0	3765894.0	284.0	3.40	4.51	3.16	YES	NO
L0007003	0	0.84890E-03	463742.3	3765902.5	284.1	3.40	4.51	3.16	YES	NO
L0007004	0	0.84890E-03	463737.6	3765910.9	284.3	3.40	4.51	3.16	YES	NO
L0007005	0	0.84890E-03	463732.9	3765919.4	284.4	3.40	4.51	3.16	YES	NO
L0007006	0	0.84890E-03	463728.2	3765927.9	284.6	3.40	4.51	3.16	YES	NO
L0007007	0	0.84890E-03	463723.5	3765936.4	284.7	3.40	4.51	3.16	YES	NO
L0007008	0	0.84890E-03	463718.8	3765944.9	284.9	3.40	4.51	3.16	YES	NO
L0007009	0	0.84890E-03	463714.1	3765953.4	285.1	3.40	4.51	3.16	YES	NO
L0007010	0	0.84890E-03	463709.4	3765961.9	285.3	3.40	4.51	3.16	YES	NO
L0007011	0	0.84890E-03	463704.7	3765970.4	285.5	3.40	4.51	3.16	YES	NO
L0007012	0	0.84890E-03	463700.0	3765978.8	285.7	3.40	4.51	3.16	YES	NO
L0007013	0	0.84890E-03	463695.3	3765987.3	285.9	3.40	4.51	3.16	YES	NO
L0007014	0	0.84890E-03	463690.6	3765995.8	286.1	3.40	4.51	3.16	YES	NO
L0007015	0	0.84890E-03	463685.9	3766004.3	286.2	3.40	4.51	3.16	YES	NO
L0007016	0	0.84890E-03	463681.3	3766012.8	286.4	3.40	4.51	3.16	YES	NO
L0007017	0	0.84890E-03	463676.6	3766021.3	286.5	3.40	4.51	3.16	YES	NO
L0007018	0	0.84890E-03	463671.9	3766029.8	286.6	3.40	4.51	3.16	YES	NO
L0007019	0	0.84890E-03	463667.2	3766038.3	286.7	3.40	4.51			

3.16   YES   NO
 L0007020   0   0.84890E-03 463662.5 3766046.8   286.8   3.40   4.51
3.16   YES   NO
 L0007021   0   0.84890E-03 463657.8 3766055.2   286.9   3.40   4.51
3.16   YES   NO
 L0007022   0   0.84890E-03 463653.1 3766063.7   287.0   3.40   4.51
3.16   YES   NO
 L0007023   0   0.84890E-03 463648.4 3766072.2   287.0   3.40   4.51
3.16   YES   NO
 L0007024   0   0.84890E-03 463643.7 3766080.7   287.1   3.40   4.51
3.16   YES   NO
 L0007025   0   0.84890E-03 463639.0 3766089.2   287.1   3.40   4.51
3.16   YES   NO
 L0007026   0   0.84890E-03 463634.3 3766097.7   287.0   3.40   4.51
3.16   YES   NO
 L0007027   0   0.84890E-03 463628.5 3766105.4   286.9   3.40   4.51
3.16   YES   NO
 L0007028   0   0.84890E-03 463622.1 3766112.7   286.9   3.40   4.51
3.16   YES   NO
 L0007029   0   0.84890E-03 463615.7 3766120.0   286.9   3.40   4.51
3.16   YES   NO
 L0007030   0   0.84890E-03 463609.3 3766127.2   287.0   3.40   4.51
3.16   YES   NO
 L0007031   0   0.84890E-03 463602.9 3766134.5   287.1   3.40   4.51
3.16   YES   NO
 L0007032   0   0.84890E-03 463596.5 3766141.8   287.2   3.40   4.51
3.16   YES   NO
 L0007033   0   0.84890E-03 463590.1 3766149.1   287.3   3.40   4.51
3.16   YES   NO
 L0007034   0   0.84890E-03 463583.7 3766156.4   287.5   3.40   4.51
3.16   YES   NO
 L0007035   0   0.84890E-03 463577.2 3766163.7   287.6   3.40   4.51
3.16   YES   NO
 L0007036   0   0.84890E-03 463570.8 3766170.9   287.8   3.40   4.51
3.16   YES   NO
 L0007037   0   0.84890E-03 463564.4 3766178.2   287.9   3.40   4.51
3.16   YES   NO
 L0007038   0   0.84890E-03 463558.0 3766185.5   288.1   3.40   4.51
3.16   YES   NO
 L0007039   0   0.84890E-03 463551.6 3766192.8   288.3   3.40   4.51
3.16   YES   NO
 L0007040   0   0.84890E-03 463545.2 3766200.1   288.4   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT
L0007041	0	0.84890E-03	463538.8	3766207.3	288.6	3.40	4.51	3.16	YES	NO
L0007042	0	0.84890E-03	463532.4	3766214.6	288.7	3.40	4.51	3.16	YES	NO
L0007043	0	0.84890E-03	463526.0	3766221.9	288.8	3.40	4.51	3.16	YES	NO
L0007044	0	0.84890E-03	463519.6	3766229.2	289.0	3.40	4.51	3.16	YES	NO
L0007045	0	0.84890E-03	463513.2	3766236.5	289.1	3.40	4.51	3.16	YES	NO
L0007046	0	0.84890E-03	463506.8	3766243.8	289.3	3.40	4.51	3.16	YES	NO
L0007047	0	0.84890E-03	463500.3	3766251.0	289.4	3.40	4.51	3.16	YES	NO
L0007048	0	0.84890E-03	463493.9	3766258.3	289.6	3.40	4.51	3.16	YES	NO
L0007049	0	0.84890E-03	463487.5	3766265.6	289.7	3.40	4.51	3.16	YES	NO
L0007050	0	0.84890E-03	463481.1	3766272.9	289.9	3.40	4.51	3.16	YES	NO
L0007051	0	0.84890E-03	463474.7	3766280.2	290.0	3.40	4.51	3.16	YES	NO
L0007052	0	0.84890E-03	463470.9	3766288.8	290.1	3.40	4.51	3.16	YES	NO
L0007053	0	0.84890E-03	463468.2	3766298.2	290.1	3.40	4.51	3.16	YES	NO
L0007054	0	0.84890E-03	463465.5	3766307.5	290.2	3.40	4.51	3.16	YES	NO
L0007055	0	0.84890E-03	463462.9	3766316.8	290.2	3.40	4.51	3.16	YES	NO
L0007056	0	0.84890E-03	463460.2	3766326.2	290.2	3.40	4.51	3.16	YES	NO
L0007057	0	0.84890E-03	463457.5	3766335.5	290.2	3.40	4.51	3.16	YES	NO
L0007058	0	0.84890E-03	463454.9	3766344.8	290.2	3.40	4.51	3.16	YES	NO
L0007059	0	0.84890E-03	463452.2	3766354.1	290.3	3.40	4.51			

3.16   YES   NO
 L0007060   0   0.84890E-03 463449.6 3766363.5   290.3   3.40   4.51
3.16   YES   NO
 L0007061   0   0.84890E-03 463446.9 3766372.8   290.4   3.40   4.51
3.16   YES   NO
 L0007062   0   0.84890E-03 463444.2 3766382.1   290.5   3.40   4.51
3.16   YES   NO
 L0007063   0   0.84890E-03 463441.6 3766391.4   290.6   3.40   4.51
3.16   YES   NO
 L0007064   0   0.84890E-03 463438.9 3766400.8   290.6   3.40   4.51
3.16   YES   NO
 L0007065   0   0.84890E-03 463436.2 3766410.1   290.7   3.40   4.51
3.16   YES   NO
 L0007066   0   0.84890E-03 463433.6 3766419.4   290.7   3.40   4.51
3.16   YES   NO
 L0007067   0   0.84890E-03 463430.9 3766428.8   290.8   3.40   4.51
3.16   YES   NO
 L0007068   0   0.84890E-03 463428.2 3766438.1   290.8   3.40   4.51
3.16   YES   NO
 L0007069   0   0.84890E-03 463425.6 3766447.4   290.9   3.40   4.51
3.16   YES   NO
 L0007070   0   0.84890E-03 463422.9 3766456.7   290.9   3.40   4.51
3.16   YES   NO
 L0007071   0   0.84890E-03 463420.2 3766466.1   291.0   3.40   4.51
3.16   YES   NO
 L0007072   0   0.84890E-03 463417.6 3766475.4   291.2   3.40   4.51
3.16   YES   NO
 L0007073   0   0.84890E-03 463414.9 3766484.7   291.3   3.40   4.51
3.16   YES   NO
 L0007074   0   0.84890E-03 463414.5 3766494.4   291.4   3.40   4.51
3.16   YES   NO
 L0007075   0   0.84890E-03 463414.5 3766504.1   291.4   3.40   4.51
3.16   YES   NO
 L0007076   0   0.84890E-03 463414.5 3766513.8   291.5   3.40   4.51
3.16   YES   NO
 L0007077   0   0.84890E-03 463414.5 3766523.5   291.6   3.40   4.51
3.16   YES   NO
 L0007078   0   0.84890E-03 463414.5 3766533.2   291.6   3.40   4.51
3.16   YES   NO
 L0007079   0   0.84890E-03 463414.5 3766542.9   291.7   3.40   4.51
3.16   YES   NO
 L0007080   0   0.84890E-03 463414.5 3766552.6   291.8   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0007081	0	0.84890E-03	463414.5	3766562.3	291.8	3.40	4.51	3.16	YES	NO
L0007082	0	0.84890E-03	463414.5	3766572.0	291.9	3.40	4.51	3.16	YES	NO
L0007083	0	0.84890E-03	463414.5	3766581.7	291.9	3.40	4.51	3.16	YES	NO
L0007084	0	0.84890E-03	463414.5	3766591.4	292.0	3.40	4.51	3.16	YES	NO
L0007085	0	0.84890E-03	463414.5	3766601.1	292.1	3.40	4.51	3.16	YES	NO
L0007086	0	0.84890E-03	463414.5	3766610.8	292.2	3.40	4.51	3.16	YES	NO
L0007087	0	0.84890E-03	463414.5	3766620.5	292.3	3.40	4.51	3.16	YES	NO
L0007088	0	0.84890E-03	463414.5	3766630.2	292.4	3.40	4.51	3.16	YES	NO
L0007089	0	0.84890E-03	463414.5	3766639.9	292.5	3.40	4.51	3.16	YES	NO
L0007090	0	0.84890E-03	463414.5	3766649.6	292.6	3.40	4.51	3.16	YES	NO
L0007091	0	0.84890E-03	463414.5	3766659.3	292.7	3.40	4.51	3.16	YES	NO
L0007092	0	0.84890E-03	463414.5	3766669.0	292.8	3.40	4.51	3.16	YES	NO
L0007093	0	0.84890E-03	463414.5	3766678.7	292.9	3.40	4.51	3.16	YES	NO
L0007094	0	0.84890E-03	463414.5	3766688.4	293.0	3.40	4.51	3.16	YES	NO
L0007095	0	0.84890E-03	463414.5	3766698.1	293.1	3.40	4.51	3.16	YES	NO
L0007096	0	0.84890E-03	463414.5	3766707.8	293.3	3.40	4.51	3.16	YES	NO
L0007097	0	0.84890E-03	463414.5	3766717.5	293.4	3.40	4.51	3.16	YES	NO
L0007098	0	0.84890E-03	463414.5	3766727.2	293.6	3.40	4.51	3.16	YES	NO
L0007099	0	0.84890E-03	463414.5	3766736.9	293.7	3.40	4.51			

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3.16     YES                    NO
 L0007100         0   0.84890E-03  463414.5 3766746.6   293.8     3.40     4.51
3.16     YES                    NO
 L0007101         0   0.84890E-03  463414.5 3766756.3   294.0     3.40     4.51
3.16     YES                    NO
 L0007102         0   0.84890E-03  463414.5 3766766.0   294.1     3.40     4.51
3.16     YES                    NO
 L0007103         0   0.84890E-03  463414.5 3766775.7   294.2     3.40     4.51
3.16     YES                    NO
 L0007104         0   0.84890E-03  463414.5 3766785.4   294.4     3.40     4.51
3.16     YES                    NO
 L0007105         0   0.84890E-03  463414.5 3766795.1   294.5     3.40     4.51
3.16     YES                    NO
 L0007106         0   0.84890E-03  463414.5 3766804.8   294.6     3.40     4.51
3.16     YES                    NO
 L0007107         0   0.84890E-03  463414.5 3766814.5   294.7     3.40     4.51
3.16     YES                    NO
 L0007108         0   0.84890E-03  463414.5 3766824.2   294.9     3.40     4.51
3.16     YES                    NO
 L0007109         0   0.84890E-03  463414.5 3766833.9   295.0     3.40     4.51
3.16     YES                    NO
 L0007110         0   0.84890E-03  463414.5 3766843.6   295.1     3.40     4.51
3.16     YES                    NO
 L0007111         0   0.84890E-03  463414.5 3766853.3   295.2     3.40     4.51
3.16     YES                    NO
 L0007112         0   0.84890E-03  463414.5 3766863.0   295.3     3.40     4.51
3.16     YES                    NO
 L0007113         0   0.84890E-03  463414.5 3766872.7   295.4     3.40     4.51
3.16     YES                    NO
 L0007114         0   0.84890E-03  463414.5 3766882.4   295.4     3.40     4.51
3.16     YES                    NO
 L0007115         0   0.84890E-03  463414.5 3766892.1   295.5     3.40     4.51
3.16     YES                    NO
 L0007116         0   0.84890E-03  463414.5 3766901.8   295.6     3.40     4.51
3.16     YES                    NO
 L0007117         0   0.84890E-03  463414.5 3766911.5   295.7     3.40     4.51
3.16     YES                    NO
 L0007118         0   0.84890E-03  463414.5 3766921.2   295.8     3.40     4.51
3.16     YES                    NO
 L0007119         0   0.84890E-03  463414.5 3766930.9   295.9     3.40     4.51
3.16     YES                    NO
 L0007120         0   0.84890E-03  463414.5 3766940.6   296.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0007121	0	0.84890E-03	463414.5	3766950.3	296.2	3.40	4.51	3.16	YES	NO	
L0007122	0	0.84890E-03	463414.5	3766960.0	296.3	3.40	4.51	3.16	YES	NO	
L0007123	0	0.84890E-03	463414.5	3766969.7	296.4	3.40	4.51	3.16	YES	NO	
L0007124	0	0.84890E-03	463414.5	3766979.4	296.6	3.40	4.51	3.16	YES	NO	
L0007125	0	0.84890E-03	463414.5	3766989.1	296.7	3.40	4.51	3.16	YES	NO	
L0007126	0	0.84890E-03	463414.5	3766998.8	296.8	3.40	4.51	3.16	YES	NO	
L0007127	0	0.84890E-03	463414.5	3767008.5	297.0	3.40	4.51	3.16	YES	NO	
L0007128	0	0.84890E-03	463414.5	3767018.2	297.1	3.40	4.51	3.16	YES	NO	
L0007129	0	0.84890E-03	463414.5	3767027.9	297.2	3.40	4.51	3.16	YES	NO	
L0007130	0	0.84890E-03	463414.5	3767037.6	297.4	3.40	4.51	3.16	YES	NO	
L0007131	0	0.84890E-03	463414.5	3767047.3	297.5	3.40	4.51	3.16	YES	NO	
L0007132	0	0.84890E-03	463414.5	3767057.0	297.6	3.40	4.51	3.16	YES	NO	
L0007133	0	0.84890E-03	463414.5	3767066.7	297.7	3.40	4.51	3.16	YES	NO	
L0007134	0	0.84890E-03	463414.5	3767076.4	297.9	3.40	4.51	3.16	YES	NO	
L0007135	0	0.84890E-03	463414.5	3767086.1	298.0	3.40	4.51	3.16	YES	NO	
L0007136	0	0.84890E-03	463414.5	3767095.8	298.1	3.40	4.51	3.16	YES	NO	
L0007137	0	0.84890E-03	463414.5	3767105.5	298.2	3.40	4.51	3.16	YES	NO	
L0007138	0	0.84890E-03	463414.5	3767115.2	298.4	3.40	4.51	3.16	YES	NO	
L0007139	0	0.84890E-03	463414.5	3767124.9	298.5	3.40	4.51				

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3.16     YES                    NO
 L0007140         0   0.84890E-03  463414.5 3767134.6   298.6     3.40     4.51
3.16     YES                    NO
 L0007141         0   0.84890E-03  463414.5 3767144.3   298.8     3.40     4.51
3.16     YES                    NO
 L0007142         0   0.84890E-03  463414.5 3767154.0   298.9     3.40     4.51
3.16     YES                    NO
 L0007143         0   0.84890E-03  463414.5 3767163.7   299.1     3.40     4.51
3.16     YES                    NO
 L0007144         0   0.84890E-03  463414.5 3767173.4   299.2     3.40     4.51
3.16     YES                    NO
 L0007145         0   0.84890E-03  463414.5 3767183.1   299.4     3.40     4.51
3.16     YES                    NO
 L0007146         0   0.84890E-03  463414.5 3767192.8   299.6     3.40     4.51
3.16     YES                    NO
 L0007147         0   0.84890E-03  463414.5 3767202.5   299.8     3.40     4.51
3.16     YES                    NO
 L0007148         0   0.84890E-03  463414.6 3767212.2   299.9     3.40     4.51
3.16     YES                    NO
 L0007149         0   0.84890E-03  463414.6 3767221.9   300.1     3.40     4.51
3.16     YES                    NO
 L0007150         0   0.84890E-03  463414.7 3767231.6   300.2     3.40     4.51
3.16     YES                    NO
 L0007151         0   0.84890E-03  463414.7 3767241.3   300.4     3.40     4.51
3.16     YES                    NO
 L0007152         0   0.84890E-03  463414.8 3767251.0   300.6     3.40     4.51
3.16     YES                    NO
 L0007153         0   0.84890E-03  463414.8 3767260.7   300.7     3.40     4.51
3.16     YES                    NO
 L0007154         0   0.84890E-03  463414.9 3767270.4   300.9     3.40     4.51
3.16     YES                    NO
 L0007155         0   0.84890E-03  463414.9 3767280.1   301.0     3.40     4.51
3.16     YES                    NO
 L0007156         0   0.84890E-03  463415.0 3767289.8   301.1     3.40     4.51
3.16     YES                    NO
 L0007157         0   0.84890E-03  463415.0 3767299.5   301.2     3.40     4.51
3.16     YES                    NO
 L0007158         0   0.84890E-03  463415.1 3767309.2   301.3     3.40     4.51
3.16     YES                    NO
 L0007159         0   0.84890E-03  463415.1 3767318.9   301.4     3.40     4.51
3.16     YES                    NO
 L0007160         0   0.84890E-03  463415.2 3767328.6   301.5     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0007161	0	0.84890E-03	463415.2	3767338.3	301.6	3.40	4.51	3.16	YES	NO	
L0007162	0	0.84890E-03	463415.3	3767348.0	301.7	3.40	4.51	3.16	YES	NO	
L0007163	0	0.84890E-03	463415.3	3767357.7	301.8	3.40	4.51	3.16	YES	NO	
L0007164	0	0.84890E-03	463415.4	3767367.4	301.9	3.40	4.51	3.16	YES	NO	
L0007165	0	0.84890E-03	463415.4	3767377.1	301.9	3.40	4.51	3.16	YES	NO	
L0007166	0	0.84890E-03	463415.5	3767386.8	302.0	3.40	4.51	3.16	YES	NO	
L0007167	0	0.84890E-03	463415.5	3767396.5	302.2	3.40	4.51	3.16	YES	NO	
L0007168	0	0.84890E-03	463415.6	3767406.2	302.3	3.40	4.51	3.16	YES	NO	
L0007169	0	0.84890E-03	463415.6	3767415.9	302.4	3.40	4.51	3.16	YES	NO	
L0007170	0	0.84890E-03	463415.7	3767425.6	302.5	3.40	4.51	3.16	YES	NO	
L0007171	0	0.84890E-03	463415.7	3767435.3	302.6	3.40	4.51	3.16	YES	NO	
L0007172	0	0.84890E-03	463415.8	3767445.0	302.8	3.40	4.51	3.16	YES	NO	
L0007173	0	0.84890E-03	463415.8	3767454.7	302.9	3.40	4.51	3.16	YES	NO	
L0007174	0	0.84890E-03	463415.9	3767464.4	303.0	3.40	4.51	3.16	YES	NO	
L0007175	0	0.84890E-03	463415.9	3767474.1	303.2	3.40	4.51	3.16	YES	NO	
L0007176	0	0.84890E-03	463416.0	3767483.8	303.3	3.40	4.51	3.16	YES	NO	
L0007177	0	0.84890E-03	463416.0	3767493.5	303.4	3.40	4.51	3.16	YES	NO	
L0007178	0	0.84890E-03	463416.1	3767503.2	303.5	3.40	4.51	3.16	YES	NO	
L0007179	0	0.84890E-03	463416.1	3767512.9	303.6	3.40	4.51				

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3.16     YES                    NO
 L0007180         0   0.84890E-03  463416.2 3767522.6   303.8     3.40     4.51
3.16     YES                    NO
 L0007181         0   0.84890E-03  463416.2 3767532.3   303.9     3.40     4.51
3.16     YES                    NO
 L0007182         0   0.84890E-03  463416.3 3767542.0   304.0     3.40     4.51
3.16     YES                    NO
 L0007183         0   0.84890E-03  463416.3 3767551.7   304.1     3.40     4.51
3.16     YES                    NO
 L0007184         0   0.84890E-03  463416.4 3767561.4   304.2     3.40     4.51
3.16     YES                    NO
 L0007185         0   0.84890E-03  463416.4 3767571.1   304.3     3.40     4.51
3.16     YES                    NO
 L0007186         0   0.84890E-03  463416.5 3767580.8   304.5     3.40     4.51
3.16     YES                    NO
 L0007187         0   0.84890E-03  463416.5 3767590.5   304.6     3.40     4.51
3.16     YES                    NO
 L0007188         0   0.84890E-03  463416.6 3767600.2   304.7     3.40     4.51
3.16     YES                    NO
 L0007189         0   0.84890E-03  463416.6 3767609.9   304.9     3.40     4.51
3.16     YES                    NO
 L0007190         0   0.84890E-03  463416.7 3767619.6   305.2     3.40     4.51
3.16     YES                    NO
 L0007191         0   0.84890E-03  463416.7 3767629.3   305.4     3.40     4.51
3.16     YES                    NO
 L0007192         0   0.84890E-03  463416.8 3767639.0   305.5     3.40     4.51
3.16     YES                    NO
 L0007193         0   0.84890E-03  463416.8 3767648.7   305.7     3.40     4.51
3.16     YES                    NO
 L0007194         0   0.84890E-03  463416.9 3767658.4   305.8     3.40     4.51
3.16     YES                    NO
 L0007195         0   0.84890E-03  463416.9 3767668.1   306.0     3.40     4.51
3.16     YES                    NO
 L0007196         0   0.84890E-03  463417.0 3767677.8   306.1     3.40     4.51
3.16     YES                    NO
 L0007197         0   0.84890E-03  463417.0 3767687.5   306.2     3.40     4.51
3.16     YES                    NO
 L0007198         0   0.84890E-03  463417.1 3767697.2   306.3     3.40     4.51
3.16     YES                    NO
 L0007199         0   0.84890E-03  463417.1 3767706.9   306.4     3.40     4.51
3.16     YES                    NO
 L0007200         0   0.84890E-03  463417.2 3767716.6   306.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0007201	0	0.84890E-03	463417.2	3767726.3	306.5	3.40	4.51	3.16	YES	NO	
L0007202	0	0.84890E-03	463417.3	3767735.9	306.7	3.40	4.51	3.16	YES	NO	
L0007203	0	0.84890E-03	463417.3	3767745.6	306.8	3.40	4.51	3.16	YES	NO	
L0007204	0	0.84890E-03	463417.4	3767755.3	306.9	3.40	4.51	3.16	YES	NO	
L0007205	0	0.84890E-03	463417.4	3767765.0	307.1	3.40	4.51	3.16	YES	NO	
L0007206	0	0.84890E-03	463417.5	3767774.8	307.2	3.40	4.51	3.16	YES	NO	
L0007207	0	0.84890E-03	463417.5	3767784.4	307.3	3.40	4.51	3.16	YES	NO	
L0007208	0	0.84890E-03	463417.5	3767794.1	307.4	3.40	4.51	3.16	YES	NO	
L0007209	0	0.84890E-03	463417.6	3767803.8	307.6	3.40	4.51	3.16	YES	NO	
L0007210	0	0.84890E-03	463417.6	3767813.5	307.7	3.40	4.51	3.16	YES	NO	
L0007211	0	0.84890E-03	463417.7	3767823.2	307.8	3.40	4.51	3.16	YES	NO	
L0007212	0	0.84890E-03	463417.7	3767832.9	307.9	3.40	4.51	3.16	YES	NO	
L0007213	0	0.84890E-03	463417.8	3767842.6	308.1	3.40	4.51	3.16	YES	NO	
L0007214	0	0.84890E-03	463417.8	3767852.3	308.2	3.40	4.51	3.16	YES	NO	
L0007215	0	0.84890E-03	463417.9	3767862.0	308.3	3.40	4.51	3.16	YES	NO	
L0007216	0	0.84890E-03	463417.9	3767871.7	308.4	3.40	4.51	3.16	YES	NO	
L0007217	0	0.84890E-03	463418.0	3767881.4	308.5	3.40	4.51	3.16	YES	NO	
L0007218	0	0.84890E-03	463418.0	3767891.1	308.5	3.40	4.51	3.16	YES	NO	
L0007219	0	0.84890E-03	463418.1	3767900.8	308.6	3.40	4.51				

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3.16     YES                    NO
 L0007220         0   0.84890E-03  463418.1 3767910.5   308.7     3.40     4.51
3.16     YES                    NO
 L0007221         0   0.84890E-03  463418.2 3767920.2   308.7     3.40     4.51
3.16     YES                    NO
 L0007222         0   0.84890E-03  463418.2 3767929.9   308.7     3.40     4.51
3.16     YES                    NO
 L0007223         0   0.84890E-03  463418.3 3767939.6   308.7     3.40     4.51
3.16     YES                    NO
 L0007224         0   0.84890E-03  463418.3 3767949.3   308.8     3.40     4.51
3.16     YES                    NO
 L0007225         0   0.84890E-03  463418.4 3767959.0   308.8     3.40     4.51
3.16     YES                    NO
 L0007226         0   0.84890E-03  463418.4 3767968.7   308.9     3.40     4.51
3.16     YES                    NO
 L0007227         0   0.84890E-03  463418.5 3767978.4   309.0     3.40     4.51
3.16     YES                    NO
 L0007228         0   0.84890E-03  463418.5 3767988.1   309.1     3.40     4.51
3.16     YES                    NO
 L0007229         0   0.84890E-03  463418.6 3767997.8   309.2     3.40     4.51
3.16     YES                    NO
 L0007230         0   0.84890E-03  463418.6 3768007.5   309.3     3.40     4.51
3.16     YES                    NO
 L0007231         0   0.84890E-03  463418.7 3768017.2   309.4     3.40     4.51
3.16     YES                    NO
 L0007232         0   0.84890E-03  463418.7 3768026.9   309.5     3.40     4.51
3.16     YES                    NO
 L0007233         0   0.84890E-03  463418.8 3768036.6   309.6     3.40     4.51
3.16     YES                    NO
 L0007234         0   0.84890E-03  463418.8 3768046.3   309.8     3.40     4.51
3.16     YES                    NO
 L0007235         0   0.84890E-03  463418.9 3768056.0   309.9     3.40     4.51
3.16     YES                    NO
 L0007236         0   0.84890E-03  463418.9 3768065.7   310.0     3.40     4.51
3.16     YES                    NO
 L0007237         0   0.84890E-03  463419.0 3768075.4   310.1     3.40     4.51
3.16     YES                    NO
 L0007238         0   0.84890E-03  463419.0 3768085.1   310.2     3.40     4.51
3.16     YES                    NO
 L0007239         0   0.84890E-03  463419.1 3768094.8   310.3     3.40     4.51
3.16     YES                    NO
 L0007240         0   0.84890E-03  463419.1 3768104.5   310.4     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0007241	0	0.84890E-03	463419.2	3768114.2	310.6	3.40	4.51	3.16	YES	NO	
L0007242	0	0.84890E-03	463419.2	3768123.9	310.7	3.40	4.51	3.16	YES	NO	
L0007243	0	0.84890E-03	463419.3	3768133.6	310.8	3.40	4.51	3.16	YES	NO	
L0007244	0	0.84890E-03	463419.3	3768143.3	310.9	3.40	4.51	3.16	YES	NO	
L0007245	0	0.84890E-03	463419.4	3768153.0	311.0	3.40	4.51	3.16	YES	NO	
L0007246	0	0.84890E-03	463419.4	3768162.7	311.2	3.40	4.51	3.16	YES	NO	
L0007247	0	0.84890E-03	463419.5	3768172.4	311.4	3.40	4.51	3.16	YES	NO	
L0007248	0	0.84890E-03	463419.5	3768182.1	311.5	3.40	4.51	3.16	YES	NO	
L0007249	0	0.84890E-03	463419.6	3768191.8	311.7	3.40	4.51	3.16	YES	NO	
L0007250	0	0.84890E-03	463419.6	3768201.5	311.9	3.40	4.51	3.16	YES	NO	
L0007251	0	0.84890E-03	463419.7	3768211.2	312.1	3.40	4.51	3.16	YES	NO	
L0007252	0	0.84890E-03	463419.7	3768220.9	312.3	3.40	4.51	3.16	YES	NO	
L0007253	0	0.84890E-03	463419.8	3768230.6	312.4	3.40	4.51	3.16	YES	NO	
L0007254	0	0.84890E-03	463419.8	3768240.3	312.5	3.40	4.51	3.16	YES	NO	
L0007255	0	0.84890E-03	463419.9	3768250.0	312.7	3.40	4.51	3.16	YES	NO	
L0007256	0	0.84890E-03	463419.9	3768259.7	312.8	3.40	4.51	3.16	YES	NO	
L0007257	0	0.84890E-03	463420.0	3768269.4	312.8	3.40	4.51	3.16	YES	NO	
L0007258	0	0.84890E-03	463420.0	3768279.1	312.9	3.40	4.51	3.16	YES	NO	
L0007259	0	0.84890E-03	463420.1	3768288.8	313.0	3.40	4.51				

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3.16     YES                    NO
 L0007260         0   0.84890E-03  463420.1 3768298.5   313.1     3.40     4.51
3.16     YES                    NO
 L0007261         0   0.84890E-03  463420.2 3768308.2   313.2     3.40     4.51
3.16     YES                    NO
 L0007262         0   0.84890E-03  463420.2 3768317.9   313.2     3.40     4.51
3.16     YES                    NO
 L0007263         0   0.84890E-03  463420.3 3768327.6   313.3     3.40     4.51
3.16     YES                    NO
 L0007264         0   0.84890E-03  463420.3 3768337.3   313.4     3.40     4.51
3.16     YES                    NO
 L0007265         0   0.84890E-03  463420.4 3768347.0   313.5     3.40     4.51
3.16     YES                    NO
 L0007266         0   0.84890E-03  463420.4 3768356.7   313.6     3.40     4.51
3.16     YES                    NO
 L0007267         0   0.84890E-03  463420.5 3768366.4   313.7     3.40     4.51
3.16     YES                    NO
 L0007268         0   0.84890E-03  463420.5 3768376.1   313.8     3.40     4.51
3.16     YES                    NO
 L0007269         0   0.84890E-03  463420.6 3768385.8   313.9     3.40     4.51
3.16     YES                    NO
 L0007270         0   0.84890E-03  463420.6 3768395.5   314.1     3.40     4.51
3.16     YES                    NO
 L0007271         0   0.84890E-03  463420.6 3768405.2   314.2     3.40     4.51
3.16     YES                    NO
 L0007272         0   0.84890E-03  463420.7 3768414.9   314.3     3.40     4.51
3.16     YES                    NO
 L0007273         0   0.84890E-03  463420.7 3768424.6   314.5     3.40     4.51
3.16     YES                    NO
 L0007274         0   0.84890E-03  463420.8 3768434.3   314.6     3.40     4.51
3.16     YES                    NO
 L0007275         0   0.84890E-03  463420.8 3768444.0   314.8     3.40     4.51
3.16     YES                    NO
 L0007276         0   0.84890E-03  463420.9 3768453.7   315.0     3.40     4.51
3.16     YES                    NO
 L0007277         0   0.84890E-03  463420.9 3768463.4   315.1     3.40     4.51
3.16     YES                    NO
 L0007278         0   0.84890E-03  463421.0 3768473.1   315.4     3.40     4.51
3.16     YES                    NO
 L0007279         0   0.84890E-03  463421.0 3768482.8   315.6     3.40     4.51
3.16     YES                    NO
 L0007280         0   0.84890E-03  463421.1 3768492.5   315.9     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0007281	0	0.84890E-03	463421.1	3768502.2	316.1	3.40	4.51	3.16	YES	NO	
L0007282	0	0.84890E-03	463421.2	3768511.9	316.4	3.40	4.51	3.16	YES	NO	
L0007283	0	0.84890E-03	463421.2	3768521.6	316.8	3.40	4.51	3.16	YES	NO	
L0007284	0	0.84890E-03	463421.3	3768531.3	317.1	3.40	4.51	3.16	YES	NO	
L0007285	0	0.84890E-03	463421.3	3768541.0	317.4	3.40	4.51	3.16	YES	NO	
L0007286	0	0.84890E-03	463421.4	3768550.7	317.7	3.40	4.51	3.16	YES	NO	
L0007287	0	0.84890E-03	463421.4	3768560.4	318.0	3.40	4.51	3.16	YES	NO	
L0007288	0	0.84890E-03	463421.5	3768570.1	318.3	3.40	4.51	3.16	YES	NO	
L0007289	0	0.84890E-03	463421.5	3768579.8	318.5	3.40	4.51	3.16	YES	NO	
L0007290	0	0.84890E-03	463421.6	3768589.5	318.8	3.40	4.51	3.16	YES	NO	
L0007291	0	0.84890E-03	463421.6	3768599.2	318.9	3.40	4.51	3.16	YES	NO	
L0007292	0	0.84890E-03	463421.7	3768608.9	319.1	3.40	4.51	3.16	YES	NO	
L0007293	0	0.84890E-03	463421.7	3768618.6	319.3	3.40	4.51	3.16	YES	NO	
L0007294	0	0.84890E-03	463421.8	3768628.3	319.5	3.40	4.51	3.16	YES	NO	
L0007295	0	0.84890E-03	463421.8	3768638.0	319.6	3.40	4.51	3.16	YES	NO	
L0007296	0	0.84890E-03	463421.9	3768647.7	319.8	3.40	4.51	3.16	YES	NO	
L0007297	0	0.84890E-03	463421.9	3768657.4	319.9	3.40	4.51	3.16	YES	NO	
L0007298	0	0.84890E-03	463422.0	3768667.1	320.1	3.40	4.51	3.16	YES	NO	
L0007299	0	0.84890E-03	463422.0	3768676.8	320.2	3.40	4.51				

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3.16     YES                    NO
 L0007300         0   0.84890E-03  463422.1 3768686.5   320.4     3.40     4.51
3.16     YES                    NO
 L0007301         0   0.84890E-03  463422.1 3768696.2   320.5     3.40     4.51
3.16     YES                    NO
 L0007302         0   0.84890E-03  463422.2 3768705.9   320.7     3.40     4.51
3.16     YES                    NO
 L0007303         0   0.84890E-03  463422.2 3768715.6   320.8     3.40     4.51
3.16     YES                    NO
 L0007304         0   0.84890E-03  463422.3 3768725.3   320.9     3.40     4.51
3.16     YES                    NO
 L0007305         0   0.84890E-03  463422.3 3768735.0   321.1     3.40     4.51
3.16     YES                    NO
 L0007306         0   0.84890E-03  463422.4 3768744.7   321.2     3.40     4.51
3.16     YES                    NO
 L0007307         0   0.84890E-03  463422.4 3768754.4   321.4     3.40     4.51
3.16     YES                    NO
 L0007308         0   0.84890E-03  463422.5 3768764.1   321.5     3.40     4.51
3.16     YES                    NO
 L0007309         0   0.84890E-03  463422.5 3768773.8   321.7     3.40     4.51
3.16     YES                    NO
 L0007310         0   0.84890E-03  463422.6 3768783.5   321.8     3.40     4.51
3.16     YES                    NO
 L0007311         0   0.84890E-03  463422.6 3768793.2   322.0     3.40     4.51
3.16     YES                    NO
 L0007312         0   0.84890E-03  463422.7 3768802.9   322.1     3.40     4.51
3.16     YES                    NO
 L0007313         0   0.84890E-03  463422.7 3768812.6   322.2     3.40     4.51
3.16     YES                    NO
 L0007314         0   0.84890E-03  463422.8 3768822.3   322.4     3.40     4.51
3.16     YES                    NO
 L0007315         0   0.84890E-03  463422.8 3768832.0   322.5     3.40     4.51
3.16     YES                    NO
 L0007316         0   0.84890E-03  463422.9 3768841.7   322.6     3.40     4.51
3.16     YES                    NO
 L0007317         0   0.84890E-03  463422.9 3768851.4   322.8     3.40     4.51
3.16     YES                    NO
 L0007318         0   0.84890E-03  463423.0 3768861.1   322.9     3.40     4.51
3.16     YES                    NO
 L0007319         0   0.84890E-03  463423.0 3768870.8   323.0     3.40     4.51
3.16     YES                    NO
 L0007320         0   0.84890E-03  463423.1 3768880.5   323.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0007321	0	0.84890E-03	463423.1	3768890.2	323.3	3.40	4.51	3.16	YES	NO	
L0007322	0	0.84890E-03	463423.2	3768899.9	323.4	3.40	4.51	3.16	YES	NO	
L0007323	0	0.84890E-03	463423.2	3768909.6	323.5	3.40	4.51	3.16	YES	NO	
L0007324	0	0.84890E-03	463423.3	3768919.3	323.6	3.40	4.51	3.16	YES	NO	
L0007325	0	0.84890E-03	463423.3	3768929.0	323.7	3.40	4.51	3.16	YES	NO	
L0007326	0	0.84890E-03	463423.4	3768938.7	323.8	3.40	4.51	3.16	YES	NO	
L0007327	0	0.84890E-03	463423.4	3768948.4	323.9	3.40	4.51	3.16	YES	NO	
L0007328	0	0.84890E-03	463423.5	3768958.1	324.0	3.40	4.51	3.16	YES	NO	
L0007329	0	0.84890E-03	463423.5	3768967.8	324.1	3.40	4.51	3.16	YES	NO	
L0007330	0	0.84890E-03	463423.6	3768977.5	324.2	3.40	4.51	3.16	YES	NO	
L0007331	0	0.84890E-03	463423.6	3768987.2	324.4	3.40	4.51	3.16	YES	NO	
L0007332	0	0.84890E-03	463423.7	3768996.9	324.4	3.40	4.51	3.16	YES	NO	
L0007333	0	0.84890E-03	463423.7	3769006.6	324.6	3.40	4.51	3.16	YES	NO	
L0007334	0	0.84890E-03	463423.7	3769016.3	324.7	3.40	4.51	3.16	YES	NO	
L0007335	0	0.84890E-03	463423.8	3769026.0	324.7	3.40	4.51	3.16	YES	NO	
L0007336	0	0.84890E-03	463423.8	3769035.7	324.8	3.40	4.51	3.16	YES	NO	
L0007337	0	0.84890E-03	463423.9	3769045.4	324.9	3.40	4.51	3.16	YES	NO	
L0007338	0	0.84890E-03	463423.9	3769055.1	325.0	3.40	4.51	3.16	YES	NO	
L0007339	0	0.84890E-03	463424.0	3769064.8	325.1	3.40	4.51				

3.16   YES   NO
 L0007340   0   0.84890E-03 463424.0 3769074.5   325.2   3.40   4.51
3.16   YES   NO
 L0007341   0   0.84890E-03 463424.1 3769084.2   325.2   3.40   4.51
3.16   YES   NO
 L0007342   0   0.84890E-03 463424.1 3769093.9   325.3   3.40   4.51
3.16   YES   NO
 L0007343   0   0.84890E-03 463424.2 3769103.6   325.4   3.40   4.51
3.16   YES   NO
 L0007344   0   0.84890E-03 463424.2 3769113.3   325.5   3.40   4.51
3.16   YES   NO
 L0007345   0   0.84890E-03 463424.3 3769123.0   325.6   3.40   4.51
3.16   YES   NO
 L0007346   0   0.84890E-03 463424.3 3769132.7   325.7   3.40   4.51
3.16   YES   NO
 L0007347   0   0.84890E-03 463424.4 3769142.4   325.8   3.40   4.51
3.16   YES   NO
 L0007348   0   0.84890E-03 463424.4 3769152.1   325.9   3.40   4.51
3.16   YES   NO
 L0007349   0   0.84890E-03 463424.5 3769161.8   326.1   3.40   4.51
3.16   YES   NO
 L0007350   0   0.84890E-03 463424.5 3769171.5   326.2   3.40   4.51
3.16   YES   NO
 L0007351   0   0.84890E-03 463424.6 3769181.2   326.3   3.40   4.51
3.16   YES   NO
 L0007352   0   0.84890E-03 463424.6 3769190.9   326.5   3.40   4.51
3.16   YES   NO
 L0007353   0   0.84890E-03 463424.7 3769200.6   326.6   3.40   4.51
3.16   YES   NO
 L0007354   0   0.84890E-03 463424.7 3769210.3   326.8   3.40   4.51
3.16   YES   NO
 L0007355   0   0.84890E-03 463424.8 3769220.0   326.9   3.40   4.51
3.16   YES   NO
 L0007356   0   0.84890E-03 463424.8 3769229.7   327.1   3.40   4.51
3.16   YES   NO
 L0007357   0   0.84890E-03 463424.9 3769239.4   327.2   3.40   4.51
3.16   YES   NO
 L0007358   0   0.84890E-03 463424.9 3769249.1   327.4   3.40   4.51
3.16   YES   NO
 L0007359   0   0.84890E-03 463425.0 3769258.8   327.6   3.40   4.51
3.16   YES   NO
 L0007360   0   0.84890E-03 463425.0 3769268.5   327.8   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY	AIRCRAFT
L0007361	0	0.84890E-03	463425.1	3769278.2	327.9	3.40	4.51	3.16	YES	NO	
L0007362	0	0.84890E-03	463425.1	3769287.9	328.0	3.40	4.51	3.16	YES	NO	
L0007363	0	0.84890E-03	463425.2	3769297.6	328.2	3.40	4.51	3.16	YES	NO	
L0007364	0	0.84890E-03	463425.2	3769307.3	328.3	3.40	4.51	3.16	YES	NO	
L0007365	0	0.84890E-03	463425.3	3769317.0	328.5	3.40	4.51	3.16	YES	NO	
L0007366	0	0.84890E-03	463425.3	3769326.7	328.6	3.40	4.51	3.16	YES	NO	
L0007367	0	0.84890E-03	463425.4	3769336.4	328.7	3.40	4.51	3.16	YES	NO	
L0007368	0	0.84890E-03	463425.4	3769346.1	328.9	3.40	4.51	3.16	YES	NO	
L0007369	0	0.84890E-03	463425.5	3769355.8	329.0	3.40	4.51	3.16	YES	NO	
L0007370	0	0.84890E-03	463425.5	3769365.5	329.1	3.40	4.51	3.16	YES	NO	
L0007371	0	0.84890E-03	463425.6	3769375.2	329.2	3.40	4.51	3.16	YES	NO	
L0007372	0	0.84890E-03	463425.6	3769384.9	329.3	3.40	4.51	3.16	YES	NO	
L0007373	0	0.84890E-03	463425.7	3769394.6	329.4	3.40	4.51	3.16	YES	NO	
L0007374	0	0.84890E-03	463425.7	3769404.3	329.4	3.40	4.51	3.16	YES	NO	
L0007375	0	0.84890E-03	463425.8	3769414.0	329.5	3.40	4.51	3.16	YES	NO	
L0007376	0	0.84890E-03	463425.8	3769423.7	329.6	3.40	4.51	3.16	YES	NO	
L0007377	0	0.84890E-03	463425.9	3769433.4	329.7	3.40	4.51	3.16	YES	NO	
L0007378	0	0.84890E-03	463425.9	3769443.1	329.8	3.40	4.51	3.16	YES	NO	
L0007379	0	0.84890E-03	463426.0	3769452.8	329.9	3.40	4.51				

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3.16     YES                    NO
 L0007380         0   0.84890E-03  463426.0 3769462.5   330.0     3.40     4.51
3.16     YES                    NO
 L0007381         0   0.84890E-03  463426.1 3769472.2   330.2     3.40     4.51
3.16     YES                    NO
 L0007382         0   0.84890E-03  463426.1 3769481.9   330.3     3.40     4.51
3.16     YES                    NO
 L0007383         0   0.84890E-03  463426.2 3769491.6   330.6     3.40     4.51
3.16     YES                    NO
 L0007384         0   0.84890E-03  463426.2 3769501.3   330.9     3.40     4.51
3.16     YES                    NO
 L0007385         0   0.84890E-03  463426.3 3769511.0   331.1     3.40     4.51
3.16     YES                    NO
 L0007386         0   0.84890E-03  463426.3 3769520.7   331.5     3.40     4.51
3.16     YES                    NO
 L0007387         0   0.84890E-03  463426.4 3769530.4   331.8     3.40     4.51
3.16     YES                    NO
 L0007388         0   0.84890E-03  463426.4 3769540.1   332.1     3.40     4.51
3.16     YES                    NO
 L0007389         0   0.84890E-03  463426.5 3769549.8   332.5     3.40     4.51
3.16     YES                    NO
 L0007390         0   0.84890E-03  463426.5 3769559.5   332.8     3.40     4.51
3.16     YES                    NO
 L0007391         0   0.84890E-03  463426.6 3769569.2   333.2     3.40     4.51
3.16     YES                    NO
 L0007392         0   0.84890E-03  463426.6 3769578.9   333.5     3.40     4.51
3.16     YES                    NO
 L0007393         0   0.84890E-03  463426.7 3769588.6   333.9     3.40     4.51
3.16     YES                    NO
 L0007394         0   0.84890E-03  463426.7 3769598.3   334.2     3.40     4.51
3.16     YES                    NO
 L0007395         0   0.84890E-03  463426.8 3769608.0   334.6     3.40     4.51
3.16     YES                    NO
 L0007396         0   0.84890E-03  463426.8 3769617.7   334.9     3.40     4.51
3.16     YES                    NO
 L0007397         0   0.84890E-03  463426.8 3769627.4   335.3     3.40     4.51
3.16     YES                    NO
 L0007398         0   0.84890E-03  463426.9 3769637.1   335.5     3.40     4.51
3.16     YES                    NO
 L0007399         0   0.84890E-03  463426.9 3769646.8   335.5     3.40     4.51
3.16     YES                    NO
 L0007400         0   0.84890E-03  463427.0 3769656.5   335.5     3.40     4.51
3.16     YES                    NO
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0007401	0	0.84890E-03	463427.0	3769666.2	335.4	3.40	4.51	3.16	YES	NO
L0007402	0	0.84890E-03	463427.1	3769675.9	334.7	3.40	4.51	3.16	YES	NO
L0007403	0	0.84890E-03	463427.1	3769685.6	333.9	3.40	4.51	3.16	YES	NO
L0007404	0	0.84890E-03	463427.2	3769695.3	333.2	3.40	4.51	3.16	YES	NO
L0007405	0	0.84890E-03	463427.2	3769705.0	334.6	3.40	4.51	3.16	YES	NO
L0007406	0	0.84890E-03	463427.3	3769714.7	336.1	3.40	4.51	3.16	YES	NO
L0007407	0	0.84890E-03	463427.3	3769724.4	337.7	3.40	4.51	3.16	YES	NO
L0007408	0	0.84890E-03	463427.4	3769734.1	338.7	3.40	4.51	3.16	YES	NO
L0007409	0	0.84890E-03	463427.4	3769743.8	339.6	3.40	4.51	3.16	YES	NO
L0007410	0	0.84890E-03	463427.5	3769753.5	340.5	3.40	4.51	3.16	YES	NO
L0007411	0	0.84890E-03	463427.5	3769763.2	339.4	3.40	4.51	3.16	YES	NO
L0007412	0	0.84890E-03	463427.6	3769772.9	337.0	3.40	4.51	3.16	YES	NO
L0007413	0	0.84890E-03	463427.6	3769782.6	334.6	3.40	4.51	3.16	YES	NO
L0007414	0	0.84890E-03	463427.7	3769792.3	333.0	3.40	4.51	3.16	YES	NO
L0007415	0	0.84890E-03	463427.7	3769802.0	332.5	3.40	4.51	3.16	YES	NO
L0007416	0	0.84890E-03	463427.8	3769811.7	332.0	3.40	4.51	3.16	YES	NO
L0007417	0	0.84890E-03	463427.8	3769821.4	332.1	3.40	4.51	3.16	YES	NO
L0007418	0	0.84890E-03	463427.9	3769831.1	333.9	3.40	4.51	3.16	YES	NO
L0007419	0	0.84890E-03	463427.9	3769840.8	335.8	3.40	4.51			

3.16   YES   NO
 L0007420   0   0.84890E-03 463428.0 3769850.5   337.5   3.40   4.51
3.16   YES   NO
 L0007421   0   0.84890E-03 463428.0 3769860.2   338.0   3.40   4.51
3.16   YES   NO
 L0007422   0   0.84890E-03 463428.1 3769869.9   338.5   3.40   4.51
3.16   YES   NO
 L0007423   0   0.84890E-03 463428.1 3769879.6   338.9   3.40   4.51
3.16   YES   NO
 L0007424   0   0.84890E-03 463428.2 3769889.3   338.6   3.40   4.51
3.16   YES   NO
 L0007425   0   0.84890E-03 463428.2 3769899.0   338.1   3.40   4.51
3.16   YES   NO
 L0007426   0   0.84890E-03 463428.3 3769908.7   337.6   3.40   4.51
3.16   YES   NO
 L0007427   0   0.84890E-03 463428.3 3769918.4   337.4   3.40   4.51
3.16   YES   NO
 L0007428   0   0.84890E-03 463428.4 3769928.1   337.2   3.40   4.51
3.16   YES   NO
 L0007429   0   0.84890E-03 463428.4 3769937.8   337.0   3.40   4.51
3.16   YES   NO
 L0007430   0   0.84890E-03 463428.5 3769947.5   336.9   3.40   4.51
3.16   YES   NO
 L0007431   0   0.84890E-03 463428.5 3769957.2   336.8   3.40   4.51
3.16   YES   NO
 L0007432   0   0.84890E-03 463428.6 3769966.9   336.7   3.40   4.51
3.16   YES   NO
 L0007433   0   0.84890E-03 463428.6 3769976.6   336.6   3.40   4.51
3.16   YES   NO
 L0007434   0   0.84890E-03 463428.7 3769986.3   336.4   3.40   4.51
3.16   YES   NO
 L0007435   0   0.84890E-03 463428.7 3769996.0   336.4   3.40   4.51
3.16   YES   NO
 L0007436   0   0.84890E-03 463428.8 3770005.7   336.2   3.40   4.51
3.16   YES   NO
 L0007437   0   0.84890E-03 463428.8 3770015.4   336.2   3.40   4.51
3.16   YES   NO
 L0007438   0   0.84890E-03 463428.9 3770025.1   336.1   3.40   4.51
3.16   YES   NO
 L0007439   0   0.84890E-03 463428.9 3770034.8   336.1   3.40   4.51
3.16   YES   NO
 L0007440   0   0.84890E-03 463429.0 3770044.5   336.1   3.40   4.51
3.16   YES   NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. SCALAR CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT VARY
L0007441	0	0.84890E-03	463429.0	3770054.2	336.1	3.40	4.51	3.16	YES	NO
L0007442	0	0.84890E-03	463429.1	3770063.9	336.1	3.40	4.51	3.16	YES	NO
L0007443	0	0.84890E-03	463429.1	3770073.6	336.1	3.40	4.51	3.16	YES	NO
L0007444	0	0.84890E-03	463429.2	3770083.3	336.1	3.40	4.51	3.16	YES	NO
L0007445	0	0.84890E-03	463429.2	3770093.0	336.1	3.40	4.51	3.16	YES	NO
L0007446	0	0.84890E-03	463429.3	3770102.7	336.2	3.40	4.51	3.16	YES	NO
L0007447	0	0.84890E-03	463429.3	3770112.4	336.2	3.40	4.51	3.16	YES	NO
L0007448	0	0.84890E-03	463429.4	3770122.1	336.2	3.40	4.51	3.16	YES	NO
L0007449	0	0.84890E-03	463429.4	3770131.8	336.3	3.40	4.51	3.16	YES	NO
L0007450	0	0.84890E-03	463429.5	3770141.5	336.3	3.40	4.51	3.16	YES	NO
L0007451	0	0.84890E-03	463429.5	3770151.2	336.4	3.40	4.51	3.16	YES	NO
L0007452	0	0.84890E-03	463429.6	3770160.9	336.4	3.40	4.51	3.16	YES	NO
L0007453	0	0.84890E-03	463429.6	3770170.6	336.5	3.40	4.51	3.16	YES	NO
L0007454	0	0.84890E-03	463429.7	3770180.3	336.7	3.40	4.51	3.16	YES	NO
L0007455	0	0.84890E-03	463429.7	3770190.0	336.8	3.40	4.51	3.16	YES	NO
L0007456	0	0.84890E-03	463429.8	3770199.7	336.9	3.40	4.51	3.16	YES	NO
L0007457	0	0.84890E-03	463429.8	3770209.4	337.0	3.40	4.51	3.16	YES	NO
L0007458	0	0.84890E-03	463429.9	3770219.1	337.2	3.40	4.51	3.16	YES	NO
L0007459	0	0.84890E-03	463429.9	3770228.8	337.3	3.40	4.51			

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3.16     YES                    NO
 L0007460         0   0.84890E-03  463430.0 3770238.5   337.4     3.40     4.51
3.16     YES                    NO
 L0007461         0   0.84890E-03  463430.0 3770248.2   337.5     3.40     4.51
3.16     YES                    NO
 L0007462         0   0.84890E-03  463430.0 3770257.9   337.7     3.40     4.51
3.16     YES                    NO
 L0007463         0   0.84890E-03  463430.1 3770267.6   337.8     3.40     4.51
3.16     YES                    NO
 L0007464         0   0.84890E-03  463430.1 3770277.3   338.0     3.40     4.51
3.16     YES                    NO
 L0007465         0   0.84890E-03  463430.2 3770287.0   338.1     3.40     4.51
3.16     YES                    NO
 L0007466         0   0.84890E-03  463430.2 3770296.7   338.3     3.40     4.51
3.16     YES                    NO
 L0007467         0   0.84890E-03  463430.3 3770306.4   338.4     3.40     4.51
3.16     YES                    NO
 L0007468         0   0.84890E-03  463430.3 3770316.1   338.6     3.40     4.51
3.16     YES                    NO
 L0007469         0   0.84890E-03  463430.4 3770325.8   338.7     3.40     4.51
3.16     YES                    NO
 L0007470         0   0.84890E-03  463430.4 3770335.5   338.8     3.40     4.51
3.16     YES                    NO
 L0007471         0   0.84890E-03  463430.5 3770345.2   339.0     3.40     4.51
3.16     YES                    NO
 L0007472         0   0.84890E-03  463430.5 3770354.9   339.1     3.40     4.51
3.16     YES                    NO
 L0007473         0   0.84890E-03  463430.6 3770364.6   339.3     3.40     4.51
3.16     YES                    NO
 L0007474         0   0.84890E-03  463430.6 3770374.3   339.4     3.40     4.51
3.16     YES                    NO
 L0007475         0   0.84890E-03  463430.7 3770384.0   339.6     3.40     4.51
3.16     YES                    NO
 L0007476         0   0.84890E-03  463430.7 3770393.7   339.7     3.40     4.51
3.16     YES                    NO
 L0007477         0   0.84890E-03  463430.8 3770403.4   339.8     3.40     4.51
3.16     YES                    NO
 L0007478         0   0.84890E-03  463430.8 3770413.1   339.9     3.40     4.51
3.16     YES                    NO
 L0007479         0   0.84890E-03  463430.9 3770422.8   340.1     3.40     4.51
3.16     YES                    NO
 L0007480         0   0.84890E-03  463430.9 3770432.5   340.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0007481	0	0.84890E-03	463431.0	3770442.2	340.3	3.40	4.51	3.16	YES	NO	
L0007482	0	0.84890E-03	463431.0	3770451.9	340.4	3.40	4.51	3.16	YES	NO	
L0007483	0	0.84890E-03	463431.1	3770461.6	340.6	3.40	4.51	3.16	YES	NO	
L0007484	0	0.84890E-03	463431.1	3770471.3	340.7	3.40	4.51	3.16	YES	NO	
L0007485	0	0.84890E-03	463431.2	3770481.0	340.8	3.40	4.51	3.16	YES	NO	
L0007486	0	0.84890E-03	463431.2	3770490.7	341.0	3.40	4.51	3.16	YES	NO	
L0007487	0	0.84890E-03	463431.3	3770500.4	341.2	3.40	4.51	3.16	YES	NO	
L0007488	0	0.84890E-03	463431.3	3770510.1	341.3	3.40	4.51	3.16	YES	NO	
L0007489	0	0.84890E-03	463431.4	3770519.8	341.4	3.40	4.51	3.16	YES	NO	
L0007490	0	0.84890E-03	463431.4	3770529.5	341.6	3.40	4.51	3.16	YES	NO	
L0007491	0	0.84890E-03	463431.5	3770539.2	341.8	3.40	4.51	3.16	YES	NO	
L0007492	0	0.84890E-03	463431.5	3770548.9	341.9	3.40	4.51	3.16	YES	NO	
L0007493	0	0.84890E-03	463431.6	3770558.6	342.1	3.40	4.51	3.16	YES	NO	
L0007494	0	0.84890E-03	463431.6	3770568.3	342.3	3.40	4.51	3.16	YES	NO	
L0007495	0	0.84890E-03	463431.7	3770578.0	342.4	3.40	4.51	3.16	YES	NO	
L0007496	0	0.84890E-03	463431.7	3770587.7	342.6	3.40	4.51	3.16	YES	NO	
L0007497	0	0.84890E-03	463431.8	3770597.4	342.8	3.40	4.51	3.16	YES	NO	
L0007498	0	0.84890E-03	463431.8	3770607.1	342.9	3.40	4.51	3.16	YES	NO	
L0007499	0	0.84890E-03	463431.9	3770616.8	343.1	3.40	4.51				

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3.16     YES                    NO
 L0007500         0   0.84890E-03  463431.9 3770626.5   343.2     3.40     4.51
3.16     YES                    NO
 L0007501         0   0.84890E-03  463432.0 3770636.2   343.4     3.40     4.51
3.16     YES                    NO
 L0007502         0   0.84890E-03  463432.0 3770645.9   343.6     3.40     4.51
3.16     YES                    NO
 L0007503         0   0.84890E-03  463432.1 3770655.6   343.8     3.40     4.51
3.16     YES                    NO
 L0007504         0   0.84890E-03  463432.1 3770665.3   343.9     3.40     4.51
3.16     YES                    NO
 L0007505         0   0.84890E-03  463432.1 3770675.0   344.1     3.40     4.51
3.16     YES                    NO
 L0007506         0   0.84890E-03  463432.1 3770684.7   344.2     3.40     4.51
3.16     YES                    NO
 L0007507         0   0.84890E-03  463432.1 3770694.4   344.4     3.40     4.51
3.16     YES                    NO
 L0007508         0   0.84890E-03  463432.1 3770704.1   344.5     3.40     4.51
3.16     YES                    NO
 L0007509         0   0.84890E-03  463432.0 3770713.8   344.6     3.40     4.51
3.16     YES                    NO
 L0007510         0   0.84890E-03  463432.0 3770723.5   344.8     3.40     4.51
3.16     YES                    NO
 L0007511         0   0.84890E-03  463432.0 3770733.2   344.9     3.40     4.51
3.16     YES                    NO
 L0007512         0   0.84890E-03  463432.0 3770742.9   345.1     3.40     4.51
3.16     YES                    NO
 L0007513         0   0.84890E-03  463431.9 3770752.6   345.2     3.40     4.51
3.16     YES                    NO
 L0007514         0   0.84890E-03  463431.9 3770762.3   345.4     3.40     4.51
3.16     YES                    NO
 L0007515         0   0.84890E-03  463431.9 3770772.0   345.5     3.40     4.51
3.16     YES                    NO
 L0007516         0   0.84890E-03  463431.9 3770781.7   345.6     3.40     4.51
3.16     YES                    NO
 L0007517         0   0.84890E-03  463431.8 3770791.4   345.8     3.40     4.51
3.16     YES                    NO
 L0007518         0   0.84890E-03  463431.8 3770801.1   345.9     3.40     4.51
3.16     YES                    NO
 L0007519         0   0.84890E-03  463431.8 3770810.8   346.0     3.40     4.51
3.16     YES                    NO
 L0007520         0   0.84890E-03  463431.8 3770820.5   346.2     3.40     4.51
3.16     YES                    NO
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0007521	0	0.84890E-03	463431.7	3770830.2	346.3	3.40	4.51	3.16	YES	NO	
L0007522	0	0.84890E-03	463431.7	3770839.9	346.4	3.40	4.51	3.16	YES	NO	
L0007523	0	0.84890E-03	463431.7	3770849.6	346.6	3.40	4.51	3.16	YES	NO	
L0007524	0	0.84890E-03	463431.7	3770859.3	346.8	3.40	4.51	3.16	YES	NO	
L0007525	0	0.84890E-03	463431.6	3770869.0	346.9	3.40	4.51	3.16	YES	NO	
L0007526	0	0.84890E-03	463431.6	3770878.7	347.1	3.40	4.51	3.16	YES	NO	
L0007527	0	0.84890E-03	463431.6	3770888.4	347.2	3.40	4.51	3.16	YES	NO	
L0007528	0	0.84890E-03	463431.6	3770898.1	347.4	3.40	4.51	3.16	YES	NO	
L0007529	0	0.84890E-03	463431.5	3770907.8	347.6	3.40	4.51	3.16	YES	NO	
L0007530	0	0.84890E-03	463431.5	3770917.5	347.8	3.40	4.51	3.16	YES	NO	
L0007531	0	0.84890E-03	463431.5	3770927.2	348.0	3.40	4.51	3.16	YES	NO	
L0007532	0	0.84890E-03	463431.5	3770936.9	348.2	3.40	4.51	3.16	YES	NO	
L0007533	0	0.84890E-03	463431.5	3770946.6	348.3	3.40	4.51	3.16	YES	NO	
L0007534	0	0.84890E-03	463431.4	3770956.3	348.5	3.40	4.51	3.16	YES	NO	
L0007535	0	0.84890E-03	463431.4	3770966.0	348.6	3.40	4.51	3.16	YES	NO	
L0007536	0	0.84890E-03	463431.4	3770975.7	348.7	3.40	4.51	3.16	YES	NO	
L0007537	0	0.84890E-03	463431.4	3770985.4	348.8	3.40	4.51	3.16	YES	NO	
L0007538	0	0.84890E-03	463431.3	3770995.1	348.9	3.40	4.51	3.16	YES	NO	
L0007539	0	0.84890E-03	463431.3	3771004.8	349.1	3.40	4.51				

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3.16     YES                    NO
 L0007540         0   0.84890E-03  463431.3 3771014.5   349.3     3.40     4.51
3.16     YES                    NO
 L0007541         0   0.84890E-03  463431.3 3771024.2   349.4     3.40     4.51
3.16     YES                    NO
 L0007542         0   0.84890E-03  463431.2 3771033.9   349.6     3.40     4.51
3.16     YES                    NO
 L0007543         0   0.84890E-03  463431.2 3771043.6   349.8     3.40     4.51
3.16     YES                    NO
 L0007544         0   0.84890E-03  463431.2 3771053.3   349.9     3.40     4.51
3.16     YES                    NO
 L0007545         0   0.84890E-03  463431.2 3771063.0   350.1     3.40     4.51
3.16     YES                    NO
 L0007546         0   0.84890E-03  463431.1 3771072.7   350.2     3.40     4.51
3.16     YES                    NO
 L0007547         0   0.84890E-03  463431.1 3771082.4   350.4     3.40     4.51
3.16     YES                    NO
 L0007548         0   0.84890E-03  463431.1 3771092.1   350.5     3.40     4.51
3.16     YES                    NO
 L0007549         0   0.84890E-03  463431.1 3771101.8   350.7     3.40     4.51
3.16     YES                    NO
 L0007550         0   0.84890E-03  463431.0 3771111.5   350.8     3.40     4.51
3.16     YES                    NO
 L0007551         0   0.84890E-03  463431.0 3771121.2   351.0     3.40     4.51
3.16     YES                    NO
 L0007552         0   0.84890E-03  463431.0 3771130.9   351.2     3.40     4.51
3.16     YES                    NO
 L0007553         0   0.84890E-03  463431.0 3771140.6   351.4     3.40     4.51
3.16     YES                    NO
 L0007554         0   0.84890E-03  463430.9 3771150.3   351.5     3.40     4.51
3.16     YES                    NO
 L0007555         0   0.84890E-03  463430.9 3771160.0   351.6     3.40     4.51
3.16     YES                    NO
 L0007556         0   0.84890E-03  463430.9 3771169.7   351.7     3.40     4.51
3.16     YES                    NO
 L0007557         0   0.84890E-03  463430.9 3771179.4   351.7     3.40     4.51
3.16     YES                    NO
 L0007558         0   0.84890E-03  463430.8 3771189.1   351.8     3.40     4.51
3.16     YES                    NO
 L0007559         0   0.84890E-03  463430.8 3771198.8   351.9     3.40     4.51
3.16     YES                    NO
 L0007560         0   0.84890E-03  463430.8 3771208.5   352.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT
L0007561	0	0.84890E-03	463430.8	3771218.2	352.2	3.40	4.51	3.16	YES	NO
L0007562	0	0.84890E-03	463430.7	3771227.9	352.4	3.40	4.51	3.16	YES	NO
L0007563	0	0.84890E-03	463430.7	3771237.6	352.5	3.40	4.51	3.16	YES	NO
L0007564	0	0.84890E-03	463430.7	3771247.3	352.7	3.40	4.51	3.16	YES	NO
L0007565	0	0.84890E-03	463430.7	3771257.0	352.8	3.40	4.51	3.16	YES	NO
L0007566	0	0.84890E-03	463430.7	3771266.7	353.0	3.40	4.51	3.16	YES	NO
L0007567	0	0.84890E-03	463430.6	3771276.4	353.1	3.40	4.51	3.16	YES	NO
L0007568	0	0.84890E-03	463430.6	3771286.1	353.2	3.40	4.51	3.16	YES	NO
L0007569	0	0.84890E-03	463430.6	3771295.8	353.4	3.40	4.51	3.16	YES	NO
L0007570	0	0.84890E-03	463430.6	3771305.5	353.5	3.40	4.51	3.16	YES	NO
L0007571	0	0.84890E-03	463430.5	3771315.2	353.7	3.40	4.51	3.16	YES	NO
L0007572	0	0.84890E-03	463430.5	3771324.9	353.8	3.40	4.51	3.16	YES	NO
L0007573	0	0.84890E-03	463430.5	3771334.6	353.9	3.40	4.51	3.16	YES	NO
L0007574	0	0.84890E-03	463430.5	3771344.3	354.0	3.40	4.51	3.16	YES	NO
L0007575	0	0.84890E-03	463430.4	3771354.0	354.1	3.40	4.51	3.16	YES	NO
L0007576	0	0.84890E-03	463430.4	3771363.7	354.2	3.40	4.51	3.16	YES	NO
L0007577	0	0.84890E-03	463430.4	3771373.4	354.4	3.40	4.51	3.16	YES	NO
L0007578	0	0.84890E-03	463430.4	3771383.1	354.6	3.40	4.51	3.16	YES	NO
L0007579	0	0.84890E-03	463430.3	3771392.8	354.7	3.40	4.51			

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3.16     YES                    NO
 L0007580         0   0.84890E-03  463430.3 3771402.5   355.0     3.40     4.51
3.16     YES                    NO
 L0007581         0   0.84890E-03  463430.3 3771412.2   355.2     3.40     4.51
3.16     YES                    NO
 L0007582         0   0.84890E-03  463430.3 3771421.9   355.4     3.40     4.51
3.16     YES                    NO
 L0007583         0   0.84890E-03  463430.2 3771431.6   355.5     3.40     4.51
3.16     YES                    NO
 L0007584         0   0.84890E-03  463430.2 3771441.3   355.6     3.40     4.51
3.16     YES                    NO
 L0007585         0   0.84890E-03  463430.2 3771451.0   355.7     3.40     4.51
3.16     YES                    NO
 L0007586         0   0.84890E-03  463430.2 3771460.7   355.9     3.40     4.51
3.16     YES                    NO
 L0007587         0   0.84890E-03  463430.1 3771470.4   356.0     3.40     4.51
3.16     YES                    NO
 L0007588         0   0.84890E-03  463430.1 3771480.1   356.1     3.40     4.51
3.16     YES                    NO
 L0007589         0   0.84890E-03  463430.1 3771489.8   356.2     3.40     4.51
3.16     YES                    NO
 L0007590         0   0.84890E-03  463430.1 3771499.5   356.3     3.40     4.51
3.16     YES                    NO
 L0007591         0   0.84890E-03  463430.0 3771509.2   356.4     3.40     4.51
3.16     YES                    NO
 L0007592         0   0.84890E-03  463430.0 3771518.9   356.5     3.40     4.51
3.16     YES                    NO
 L0007593         0   0.84890E-03  463430.0 3771528.6   356.6     3.40     4.51
3.16     YES                    NO
 L0007594         0   0.84890E-03  463430.0 3771538.3   356.7     3.40     4.51
3.16     YES                    NO
 L0007595         0   0.84890E-03  463429.9 3771548.0   356.8     3.40     4.51
3.16     YES                    NO
 L0007596         0   0.84890E-03  463429.9 3771557.7   356.9     3.40     4.51
3.16     YES                    NO
 L0007597         0   0.84890E-03  463429.9 3771567.4   357.0     3.40     4.51
3.16     YES                    NO
 L0007598         0   0.84890E-03  463429.9 3771577.1   357.1     3.40     4.51
3.16     YES                    NO
 L0007599         0   0.84890E-03  463429.9 3771586.8   357.2     3.40     4.51
3.16     YES                    NO
 L0007600         0   0.84890E-03  463429.8 3771596.5   357.3     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	AIRCRAFT EMISSION RATE SCALAR VARY BY	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE
L0007601	0	0.84890E-03		463429.8	3771606.2	357.4	3.40	4.51	3.16	YES
L0007602	0	0.84890E-03		463429.8	3771615.9	357.6	3.40	4.51	3.16	YES
L0007603	0	0.84890E-03		463429.8	3771625.6	357.7	3.40	4.51	3.16	YES
L0007604	0	0.84890E-03		463429.7	3771635.3	357.9	3.40	4.51	3.16	YES
L0007605	0	0.84890E-03		463429.7	3771645.0	358.0	3.40	4.51	3.16	YES
L0007606	0	0.84890E-03		463429.7	3771654.7	358.1	3.40	4.51	3.16	YES
L0007607	0	0.84890E-03		463429.7	3771664.4	358.3	3.40	4.51	3.16	YES
L0007608	0	0.84890E-03		463429.6	3771674.1	358.4	3.40	4.51	3.16	YES
L0007609	0	0.84890E-03		463429.6	3771683.8	358.6	3.40	4.51	3.16	YES
L0007610	0	0.84890E-03		463429.6	3771693.5	358.8	3.40	4.51	3.16	YES
L0007611	0	0.84890E-03		463429.6	3771703.2	359.0	3.40	4.51	3.16	YES
L0007612	0	0.84890E-03		463429.5	3771712.9	359.1	3.40	4.51	3.16	YES
L0007613	0	0.84890E-03		463429.5	3771722.6	359.3	3.40	4.51	3.16	YES
L0007614	0	0.84890E-03		463429.5	3771732.3	359.4	3.40	4.51	3.16	YES
L0007615	0	0.84890E-03		463429.5	3771742.0	359.5	3.40	4.51	3.16	YES
L0007616	0	0.84890E-03		463429.4	3771751.7	359.6	3.40	4.51	3.16	YES
L0007617	0	0.84890E-03		463429.4	3771761.4	359.8	3.40	4.51	3.16	YES
L0007618	0	0.84890E-03		463429.4	3771771.1	359.9	3.40	4.51	3.16	YES
L0007619	0	0.84890E-03		463429.4	3771780.8	360.0	3.40	4.51		

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3.16     YES                    NO
 L0007620         0   0.84890E-03  463429.3 3771790.5   360.1     3.40     4.51
3.16     YES                    NO
 L0007621         0   0.84890E-03  463429.3 3771800.2   360.3     3.40     4.51
3.16     YES                    NO
 L0007622         0   0.84890E-03  463429.3 3771809.9   360.4     3.40     4.51
3.16     YES                    NO
 L0007623         0   0.84890E-03  463429.3 3771819.6   360.6     3.40     4.51
3.16     YES                    NO
 L0007624         0   0.84890E-03  463429.2 3771829.3   360.7     3.40     4.51
3.16     YES                    NO
 L0007625         0   0.84890E-03  463429.2 3771839.0   360.9     3.40     4.51
3.16     YES                    NO
 L0007626         0   0.84890E-03  463429.2 3771848.7   361.1     3.40     4.51
3.16     YES                    NO
 L0007627         0   0.84890E-03  463429.2 3771858.4   361.3     3.40     4.51
3.16     YES                    NO
 L0007628         0   0.84890E-03  463429.1 3771868.1   361.4     3.40     4.51
3.16     YES                    NO
 L0007629         0   0.84890E-03  463429.1 3771877.8   361.6     3.40     4.51
3.16     YES                    NO
 L0007630         0   0.84890E-03  463429.1 3771887.5   361.8     3.40     4.51
3.16     YES                    NO
 L0007631         0   0.84890E-03  463429.1 3771897.2   361.9     3.40     4.51
3.16     YES                    NO
 L0007632         0   0.84890E-03  463429.1 3771906.9   362.1     3.40     4.51
3.16     YES                    NO
 L0007633         0   0.84890E-03  463429.0 3771916.6   362.3     3.40     4.51
3.16     YES                    NO
 L0007634         0   0.84890E-03  463429.0 3771926.3   362.5     3.40     4.51
3.16     YES                    NO
 L0007635         0   0.84890E-03  463429.0 3771936.0   362.7     3.40     4.51
3.16     YES                    NO
 L0007636         0   0.84890E-03  463429.0 3771945.7   362.8     3.40     4.51
3.16     YES                    NO
 L0007637         0   0.84890E-03  463428.9 3771955.4   362.9     3.40     4.51
3.16     YES                    NO
 L0007638         0   0.84890E-03  463428.9 3771965.1   363.0     3.40     4.51
3.16     YES                    NO
 L0007639         0   0.84890E-03  463428.9 3771974.8   363.1     3.40     4.51
3.16     YES                    NO
 L0007640         0   0.84890E-03  463428.9 3771984.5   363.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER EMISSION RATE PART. SCALAR VARY BY	EMISSION RATE (GRAMS/SEC) CATS.	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	AIRCRAFT
L0007641	0	0.84890E-03	463428.8	3771994.2	363.4	3.40	4.51	3.16	YES	NO
L0007642	0	0.84890E-03	463428.8	3772003.9	363.5	3.40	4.51	3.16	YES	NO
L0007643	0	0.84890E-03	463428.8	3772013.6	363.7	3.40	4.51	3.16	YES	NO
L0007644	0	0.84890E-03	463428.8	3772023.3	363.9	3.40	4.51	3.16	YES	NO
L0007645	0	0.84890E-03	463428.7	3772033.0	364.1	3.40	4.51	3.16	YES	NO
L0007646	0	0.84890E-03	463428.7	3772042.7	364.2	3.40	4.51	3.16	YES	NO
L0007647	0	0.84890E-03	463428.7	3772052.4	364.3	3.40	4.51	3.16	YES	NO
L0007648	0	0.84890E-03	463428.7	3772062.1	364.4	3.40	4.51	3.16	YES	NO
L0007649	0	0.84890E-03	463428.6	3772071.8	364.6	3.40	4.51	3.16	YES	NO
L0007650	0	0.84890E-03	463428.6	3772081.5	364.7	3.40	4.51	3.16	YES	NO
L0007651	0	0.84890E-03	463428.6	3772091.2	364.9	3.40	4.51	3.16	YES	NO
L0007652	0	0.84890E-03	463428.6	3772100.9	365.1	3.40	4.51	3.16	YES	NO
L0007653	0	0.84890E-03	463428.5	3772110.6	365.2	3.40	4.51	3.16	YES	NO
L0007654	0	0.84890E-03	463428.5	3772120.3	365.4	3.40	4.51	3.16	YES	NO
L0007655	0	0.84890E-03	463428.5	3772130.0	365.6	3.40	4.51	3.16	YES	NO
L0007656	0	0.84890E-03	463428.5	3772139.7	365.7	3.40	4.51	3.16	YES	NO
L0007657	0	0.84890E-03	463428.4	3772149.4	365.8	3.40	4.51	3.16	YES	NO
L0007658	0	0.84890E-03	463428.4	3772159.1	365.9	3.40	4.51	3.16	YES	NO
L0007659	0	0.84890E-03	463428.4	3772168.8	366.0	3.40	4.51			

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3.16     YES                    NO
 L0007660         0   0.84890E-03  463428.4 3772178.5   366.1     3.40     4.51
3.16     YES                    NO
 L0007661         0   0.84890E-03  463428.3 3772188.2   366.2     3.40     4.51
3.16     YES                    NO
 L0007662         0   0.84890E-03  463428.3 3772197.9   366.4     3.40     4.51
3.16     YES                    NO
 L0007663         0   0.84890E-03  463428.3 3772207.6   366.5     3.40     4.51
3.16     YES                    NO
 L0007664         0   0.84890E-03  463428.3 3772217.3   366.7     3.40     4.51
3.16     YES                    NO
 L0007665         0   0.84890E-03  463428.3 3772227.0   366.8     3.40     4.51
3.16     YES                    NO
 L0007666         0   0.84890E-03  463428.2 3772236.7   366.9     3.40     4.51
3.16     YES                    NO
 L0007667         0   0.84890E-03  463428.2 3772246.4   367.1     3.40     4.51
3.16     YES                    NO
 L0007668         0   0.84890E-03  463428.2 3772256.1   367.2     3.40     4.51
3.16     YES                    NO
 L0007669         0   0.84890E-03  463428.2 3772265.8   367.4     3.40     4.51
3.16     YES                    NO
 L0007670         0   0.84890E-03  463428.1 3772275.5   367.6     3.40     4.51
3.16     YES                    NO
 L0007671         0   0.84890E-03  463428.1 3772285.2   367.8     3.40     4.51
3.16     YES                    NO
 L0007672         0   0.84890E-03  463428.1 3772294.9   367.9     3.40     4.51
3.16     YES                    NO
 L0007673         0   0.84890E-03  463428.1 3772304.6   368.1     3.40     4.51
3.16     YES                    NO
 L0007674         0   0.84890E-03  463428.0 3772314.3   368.3     3.40     4.51
3.16     YES                    NO
 L0007675         0   0.84890E-03  463428.0 3772324.0   368.4     3.40     4.51
3.16     YES                    NO
 L0007676         0   0.84890E-03  463428.0 3772333.7   368.5     3.40     4.51
3.16     YES                    NO
 L0007677         0   0.84890E-03  463428.0 3772343.4   368.7     3.40     4.51
3.16     YES                    NO
 L0007678         0   0.84890E-03  463427.9 3772353.1   368.8     3.40     4.51
3.16     YES                    NO
 L0007679         0   0.84890E-03  463427.9 3772362.8   368.9     3.40     4.51
3.16     YES                    NO
 L0007680         0   0.84890E-03  463427.9 3772372.5   369.0     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0007681	0	0.84890E-03	463427.9	3772382.2	369.1	3.40	4.51	3.16	YES	NO
L0007682	0	0.84890E-03	463427.8	3772391.9	369.2	3.40	4.51	3.16	YES	NO
L0007683	0	0.84890E-03	463427.8	3772401.6	369.4	3.40	4.51	3.16	YES	NO
L0007684	0	0.84890E-03	463427.8	3772411.3	369.5	3.40	4.51	3.16	YES	NO
L0007685	0	0.84890E-03	463427.8	3772421.0	369.7	3.40	4.51	3.16	YES	NO
L0007686	0	0.84890E-03	463427.7	3772430.7	369.9	3.40	4.51	3.16	YES	NO
L0007687	0	0.84890E-03	463427.7	3772440.4	370.1	3.40	4.51	3.16	YES	NO
L0007688	0	0.84890E-03	463427.7	3772450.1	370.2	3.40	4.51	3.16	YES	NO
L0007689	0	0.84890E-03	463427.7	3772459.8	370.3	3.40	4.51	3.16	YES	NO
L0007690	0	0.84890E-03	463427.6	3772469.5	370.4	3.40	4.51	3.16	YES	NO
L0007691	0	0.84890E-03	463427.6	3772479.2	370.5	3.40	4.51	3.16	YES	NO
L0007692	0	0.84890E-03	463427.6	3772488.9	370.6	3.40	4.51	3.16	YES	NO
L0007693	0	0.84890E-03	463427.6	3772498.6	370.7	3.40	4.51	3.16	YES	NO
L0007694	0	0.84890E-03	463427.5	3772508.3	370.8	3.40	4.51	3.16	YES	NO
L0007695	0	0.84890E-03	463427.5	3772518.0	370.9	3.40	4.51	3.16	YES	NO
L0007696	0	0.84890E-03	463427.5	3772527.7	371.0	3.40	4.51	3.16	YES	NO
L0007697	0	0.84890E-03	463427.5	3772537.4	371.2	3.40	4.51	3.16	YES	NO
L0007698	0	0.84890E-03	463427.5	3772547.1	371.3	3.40	4.51	3.16	YES	NO
L0007699	0	0.84890E-03	463427.4	3772556.8	371.5	3.40	4.51			

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3.16     YES                    NO
 L0007700         0   0.84890E-03  463427.4 3772566.5   371.6     3.40     4.51
3.16     YES                    NO
 L0007701         0   0.84890E-03  463427.4 3772576.2   371.8     3.40     4.51
3.16     YES                    NO
 L0007702         0   0.84890E-03  463427.4 3772585.9   372.0     3.40     4.51
3.16     YES                    NO
 L0007703         0   0.84890E-03  463427.3 3772595.6   372.2     3.40     4.51
3.16     YES                    NO
 L0007704         0   0.84890E-03  463427.3 3772605.3   372.3     3.40     4.51
3.16     YES                    NO
 L0007705         0   0.84890E-03  463427.3 3772615.0   372.5     3.40     4.51
3.16     YES                    NO
 L0007706         0   0.84890E-03  463427.3 3772624.7   372.7     3.40     4.51
3.16     YES                    NO
 L0007707         0   0.84890E-03  463427.2 3772634.4   372.8     3.40     4.51
3.16     YES                    NO
 L0007708         0   0.84890E-03  463427.2 3772644.1   373.0     3.40     4.51
3.16     YES                    NO
 L0007709         0   0.84890E-03  463427.2 3772653.8   373.1     3.40     4.51
3.16     YES                    NO
 L0007710         0   0.84890E-03  463427.2 3772663.5   373.3     3.40     4.51
3.16     YES                    NO
 L0007711         0   0.84890E-03  463427.1 3772673.2   373.5     3.40     4.51
3.16     YES                    NO
 L0007712         0   0.84890E-03  463427.1 3772682.9   373.7     3.40     4.51
3.16     YES                    NO
 L0007713         0   0.84890E-03  463427.1 3772692.6   373.9     3.40     4.51
3.16     YES                    NO
 L0007714         0   0.84890E-03  463427.1 3772702.3   374.1     3.40     4.51
3.16     YES                    NO
 L0007715         0   0.84890E-03  463427.0 3772712.0   374.3     3.40     4.51
3.16     YES                    NO
 L0007716         0   0.84890E-03  463427.0 3772721.7   374.4     3.40     4.51
3.16     YES                    NO
 L0007717         0   0.84890E-03  463427.0 3772731.4   374.6     3.40     4.51
3.16     YES                    NO
 L0007718         0   0.84890E-03  463427.0 3772741.1   374.8     3.40     4.51
3.16     YES                    NO
 L0007719         0   0.84890E-03  463426.9 3772750.8   374.9     3.40     4.51
3.16     YES                    NO
 L0007720         0   0.84890E-03  463426.9 3772760.5   375.1     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE BY	AIRCRAFT EMISSION RATE SCALAR VARY
L0007721	0	0.84890E-03	463426.9	3772770.2	375.3	3.40	4.51	3.16	YES	NO
L0007722	0	0.84890E-03	463426.9	3772779.9	375.5	3.40	4.51	3.16	YES	NO
L0007723	0	0.84890E-03	463426.8	3772789.6	375.7	3.40	4.51	3.16	YES	NO
L0007724	0	0.84890E-03	463426.8	3772799.3	375.9	3.40	4.51	3.16	YES	NO
L0007725	0	0.84890E-03	463426.8	3772809.0	376.2	3.40	4.51	3.16	YES	NO
L0007726	0	0.84890E-03	463426.8	3772818.7	376.4	3.40	4.51	3.16	YES	NO
L0007727	0	0.84890E-03	463426.7	3772828.4	376.7	3.40	4.51	3.16	YES	NO
L0007728	0	0.84890E-03	463426.7	3772838.1	376.9	3.40	4.51	3.16	YES	NO
L0007729	0	0.84890E-03	463426.7	3772847.8	377.1	3.40	4.51	3.16	YES	NO
L0007730	0	0.84890E-03	463426.7	3772857.5	377.3	3.40	4.51	3.16	YES	NO
L0007731	0	0.84890E-03	463426.7	3772867.2	377.5	3.40	4.51	3.16	YES	NO
L0007732	0	0.84890E-03	463426.6	3772876.9	377.6	3.40	4.51	3.16	YES	NO
L0007733	0	0.84890E-03	463426.6	3772886.6	377.7	3.40	4.51	3.16	YES	NO
L0007734	0	0.84890E-03	463426.6	3772896.3	377.7	3.40	4.51	3.16	YES	NO
L0007735	0	0.84890E-03	463426.6	3772906.0	377.8	3.40	4.51	3.16	YES	NO
L0007736	0	0.84890E-03	463426.5	3772915.7	377.8	3.40	4.51	3.16	YES	NO
L0007737	0	0.84890E-03	463426.5	3772925.4	377.9	3.40	4.51	3.16	YES	NO
L0007738	0	0.84890E-03	463426.5	3772935.1	377.9	3.40	4.51	3.16	YES	NO
L0007739	0	0.84890E-03	463426.5	3772944.8	378.0	3.40	4.51			

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3.16     YES                    NO
 L0007740         0   0.84890E-03  463426.4 3772954.5   378.1     3.40     4.51
3.16     YES                    NO
 L0007741         0   0.84890E-03  463426.4 3772964.2   378.1     3.40     4.51
3.16     YES                    NO
 L0007742         0   0.84890E-03  463426.4 3772973.9   378.2     3.40     4.51
3.16     YES                    NO
 L0007743         0   0.84890E-03  463426.4 3772983.6   378.3     3.40     4.51
3.16     YES                    NO
 L0007744         0   0.84890E-03  463426.3 3772993.3   378.4     3.40     4.51
3.16     YES                    NO
 L0007745         0   0.84890E-03  463426.3 3773003.0   378.5     3.40     4.51
3.16     YES                    NO
 L0007746         0   0.84890E-03  463426.3 3773012.7   378.7     3.40     4.51
3.16     YES                    NO
 L0007747         0   0.84890E-03  463426.3 3773022.4   378.8     3.40     4.51
3.16     YES                    NO
 L0007748         0   0.84890E-03  463426.2 3773032.1   379.0     3.40     4.51
3.16     YES                    NO
 L0007749         0   0.84890E-03  463426.2 3773041.8   379.2     3.40     4.51
3.16     YES                    NO
 L0007750         0   0.84890E-03  463426.2 3773051.5   379.3     3.40     4.51
3.16     YES                    NO
 L0007751         0   0.84890E-03  463426.2 3773061.2   379.5     3.40     4.51
3.16     YES                    NO
 L0007752         0   0.84890E-03  463426.1 3773070.9   379.7     3.40     4.51
3.16     YES                    NO
 L0007753         0   0.84890E-03  463426.1 3773080.6   379.9     3.40     4.51
3.16     YES                    NO
 L0007754         0   0.84890E-03  463426.1 3773090.3   380.1     3.40     4.51
3.16     YES                    NO
 L0007755         0   0.84890E-03  463426.1 3773100.0   380.3     3.40     4.51
3.16     YES                    NO
 L0007756         0   0.84890E-03  463426.0 3773109.7   380.4     3.40     4.51
3.16     YES                    NO
 L0007757         0   0.84890E-03  463426.0 3773119.4   380.6     3.40     4.51
3.16     YES                    NO
 L0007758         0   0.84890E-03  463426.0 3773129.1   380.8     3.40     4.51
3.16     YES                    NO
 L0007759         0   0.84890E-03  463426.0 3773138.8   381.0     3.40     4.51
3.16     YES                    NO
 L0007760         0   0.84890E-03  463425.9 3773148.5   381.2     3.40     4.51
3.16     YES                    NO
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0007761	0	0.84890E-03	463425.9	3773158.2	381.4	3.40	4.51	3.16	YES	NO	
L0007762	0	0.84890E-03	463425.9	3773167.9	381.6	3.40	4.51	3.16	YES	NO	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALLIDLE	L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 ,
	L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 ,
	L0000017 , L0000018 ,
CNGLIFT	L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 ,
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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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                                  PAGE 198
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 200
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 204
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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L0002065    , L0002066    , L0002067    ,
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                  SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 216
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 221
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                    SOURCE IDs
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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 229
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 231
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0007425 , L0007426 , L0007427 , L0007428 , L0007429 , L0007430 , L0007431 , L0007432 ,
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
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	L0007657 , L0007658 , L0007659 , L0007660 , L0007661 , L0007662 , L0007663 , L0007664 ,
	L0007665 , L0007666 , L0007667 , L0007668 , L0007669 , L0007670 , L0007671 , L0007672 ,
	L0007673 , L0007674 , L0007675 , L0007676 , L0007677 , L0007678 , L0007679 , L0007680 ,
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	L0007697 , L0007698 , L0007699 , L0007700 , L0007701 , L0007702 , L0007703 , L0007704 ,
	L0007705 , L0007706 , L0007707 , L0007708 , L0007709 , L0007710 , L0007711 , L0007712 ,
	L0007713 , L0007714 , L0007715 , L0007716 , L0007717 , L0007718 , L0007719 , L0007720 ,
	L0007721 , L0007722 , L0007723 , L0007724 , L0007725 , L0007726 , L0007727 , L0007728 ,
	L0007729 , L0007730 , L0007731 , L0007732 , L0007733 , L0007734 , L0007735 , L0007736 ,
	L0007737 , L0007738 , L0007739 , L0007740 , L0007741 , L0007742 , L0007743 , L0007744 ,
	L0007745 , L0007746 , L0007747 , L0007748 , L0007749 , L0007750 , L0007751 , L0007752 ,
	L0007753 , L0007754 , L0007755 , L0007756 , L0007757 , L0007758 , L0007759 , L0007760 ,
	L0007761 , L0007762 ,

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L0000014    , L0000015    , L0000016    ,

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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                  SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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L0000398   , L0000399   , L0000400   ,

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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	L0000689 , L0000690 , L0000691 , L0000692 , L0000693 , L0000694 , L0000695 , L0000696 ,
	L0000697 , L0000698 , L0000699 , L0000700 , L0000701 , L0000702 , L0000703 , L0000704 ,
	L0000705 , L0000706 , L0000707 , L0000708 , L0000709 , L0000710 , L0000711 , L0000712 ,
	L0000713 , L0000714 , L0000715 , L0000716 , L0000717 , L0000718 , L0000719 , L0000720 ,
	L0000721 , L0000722 , L0000723 , L0000724 , L0000725 , L0000726 , L0000727 , L0000728 ,
	L0000729 , L0000730 , L0000731 , L0000732 , L0000733 , L0000734 , L0000735 , L0000736 ,
	L0000737 , L0000738 , L0000739 , L0000740 , L0000741 , L0000742 , L0000743 , L0000744 ,

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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                              SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 262
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 265
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 267
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***
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SRCGROUP ID	SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 269
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 271
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 275
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 279
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                              *** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 283
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 287
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***       17:18:50
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

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

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 295
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 299
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 301
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

  URBAN ID   URBAN POP   SOURCE IDs
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*** SOURCE IDs DEFINED AS URBAN SOURCES
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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*** SOURCE IDs DEFINED AS URBAN SOURCES
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 309
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 313
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP                                  SOURCE IDs
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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 315
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 317
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 319
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                       *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP                                  SOURCE IDs
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 321
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP                                  SOURCE IDs
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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs

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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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L0005582    , L0005583    , L0005584    ,

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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 329
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

  URBAN ID   URBAN POP   SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs

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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 333
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

  URBAN ID   URBAN POP   SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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*** SOURCE IDs DEFINED AS URBAN SOURCES
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URBAN ID	URBAN POP	SOURCE IDs

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

  URBAN ID   URBAN POP   SOURCE IDs
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs

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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES
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  URBAN ID   URBAN POP   SOURCE IDs
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 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                  SOURCE IDs
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↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

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L0007761 , L0007762 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

(465370.1, 3764407.5, 275.4, 275.4, 0.0); (465383.9, 3764412.8, 274.9, 274.9, 0.0);
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(465790.0, 3763743.2, 252.0, 252.0, 0.0); (465649.9, 3763549.9, 250.2, 250.2, 0.0);
(465642.0, 3763538.7, 250.1, 250.1, 0.0); (465628.8, 3763513.7, 249.9, 249.9, 0.0);
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(465599.3, 3763471.6, 249.7, 249.7, 0.0); (465582.8, 3763441.4, 249.5, 249.5, 0.0);
(465676.2, 3763559.1, 250.4, 250.4, 0.0); (465700.5, 3763547.9, 250.5, 250.5, 0.0);
(465718.9, 3763545.9, 250.8, 250.8, 0.0); (465723.5, 3763582.7, 251.6, 251.6, 0.0);
(465734.0, 3763574.2, 251.6, 251.6, 0.0); (465757.7, 3763572.2, 251.8, 251.8, 0.0);
(465759.0, 3763535.4, 250.9, 250.9, 0.0); (465743.3, 3763540.0, 250.9, 250.9, 0.0);
(465765.0, 3763482.8, 250.3, 250.3, 0.0); (465745.9, 3763484.8, 250.2, 250.2, 0.0);
(465717.6, 3763493.3, 249.8, 249.8, 0.0); (465704.5, 3763496.6, 249.7, 249.7, 0.0);
(465680.8, 3763503.2, 249.5, 249.5, 0.0); (465672.2, 3763478.8, 249.5, 249.5, 0.0);
(465663.0, 3763463.1, 249.5, 249.5, 0.0); (465651.2, 3763446.0, 249.4, 249.4, 0.0);
(465636.1, 3763428.2, 249.2, 249.2, 0.0); (465652.5, 3763417.0, 249.6, 249.6, 0.0);
(465670.9, 3763405.9, 250.1, 250.1, 0.0); (465699.2, 3763447.3, 250.7, 250.7, 0.0);
(465707.8, 3763469.0, 250.4, 250.4, 0.0); (465690.7, 3763401.9, 250.4, 250.4, 0.0);

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     ( 465707.8, 3763424.9,     250.7,     250.7,       0.0);         ( 465730.1,
3763417.7,     250.5,     250.5,       0.0);
     ( 465711.7, 3763390.1,     250.2,     250.2,       0.0);         ( 465730.1,
3763375.6,     249.9,     249.9,       0.0);
     ( 465748.5, 3763405.9,     250.5,     250.5,       0.0);         ( 465759.7,
3763392.0,     250.3,     250.3,       0.0);
     ( 465759.0, 3763453.9,     250.6,     250.6,       0.0);         ( 465772.2,
3763445.3,     250.7,     250.7,       0.0);
     ( 465786.7, 3763436.8,     250.7,     250.7,       0.0);         ( 465473.7,
3763269.1,     248.3,     248.3,       0.0);
     ( 465484.8, 3763283.6,     248.3,     248.3,       0.0);         ( 465494.0,
3763298.0,     248.4,     248.4,       0.0);
     ( 465507.2, 3763317.8,     248.6,     248.6,       0.0);         ( 465513.8,
3763331.6,     248.6,     248.6,       0.0);
     ( 465524.3, 3763347.3,     248.7,     248.7,       0.0);         ( 465534.8,
3763363.8,     248.8,     248.8,       0.0);
     ( 465543.4, 3763376.9,     248.8,     248.8,       0.0);         ( 465553.2,
3763391.4,     249.0,     249.0,       0.0);
     ( 465557.8, 3763407.2,     249.2,     249.2,       0.0);         ( 465570.3,
3763422.9,     249.3,     249.3,       0.0);
     ( 465734.8, 3763819.9,     248.5,     248.5,       0.0);         ( 465803.7,
3763759.5,     252.2,     252.2,       0.0);
     ( 465813.2, 3763774.6,     252.3,     252.3,       0.0);         ( 465815.9,
3763795.8,     252.1,     252.1,       0.0);
     ( 465834.6, 3763804.8,     252.4,     252.4,       0.0);         ( 465852.7,
3763808.3,     252.4,     252.4,       0.0);
     ( 465873.2, 3763799.2,     252.5,     252.5,       0.0);         ( 465894.9,
3763786.9,     252.6,     252.6,       0.0);
     ( 465910.9, 3763778.4,     252.6,     252.6,       0.0);         ( 465859.9,
3763750.1,     252.6,     252.6,       0.0);
     ( 465845.7, 3763733.2,     252.5,     252.5,       0.0);         ( 465835.2,
3763717.5,     252.5,     252.5,       0.0);
     ( 465826.5, 3763700.6,     252.4,     252.4,       0.0);         ( 465814.1,
3763685.3,     252.3,     252.3,       0.0);
     ( 465802.6, 3763664.8,     252.2,     252.2,       0.0);         ( 465793.0,
3763652.7,     252.1,     252.1,       0.0);
     ( 465783.6, 3763638.5,     252.0,     252.0,       0.0);         ( 465772.5,
3763619.2,     251.9,     251.9,       0.0);
     ( 465945.9, 3763759.2,     252.6,     252.6,       0.0);         ( 465965.0,
3763747.4,     253.0,     253.0,       0.0);
     ( 465977.8, 3763739.5,     253.3,     253.3,       0.0);         ( 465994.5,
3763729.2,     253.3,     253.3,       0.0);
     ( 466008.8, 3763716.4,     253.6,     253.6,       0.0);         ( 466020.5,
3763697.3,     253.6,     253.6,       0.0);
     ( 465881.6, 3763738.1,     252.8,     252.8,       0.0);         ( 465897.3,
3763730.2,     252.9,     252.9,       0.0);
     ( 465915.5, 3763717.9,     253.0,     253.0,       0.0);         ( 465928.2,
3763706.6,     253.0,     253.0,       0.0);
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(465941.0, 3763691.9, 253.0, 253.0, 0.0); (465948.8, 3763672.8, 253.0, 253.0, 0.0);
(465950.8, 3763653.6, 253.1, 253.1, 0.0); (465870.8, 3763694.4, 253.1, 253.1, 0.0);
(465855.1, 3763687.5, 252.9, 252.9, 0.0); (465843.8, 3763669.3, 252.9, 252.9, 0.0);
(465834.5, 3763655.6, 252.8, 252.8, 0.0); (465826.1, 3763637.4, 252.7, 252.7, 0.0);
(465820.2, 3763611.4, 252.5, 252.5, 0.0); (465802.5, 3763613.3, 252.3, 252.3, 0.0);
(465778.0, 3763570.1, 252.0, 252.0, 0.0); (465798.1, 3763564.2, 252.2, 252.2, 0.0);
(465819.7, 3763561.8, 252.3, 252.3, 0.0); (465838.9, 3763604.5, 252.5, 252.5, 0.0);
(465876.7, 3763602.1, 252.5, 252.5, 0.0); (465898.3, 3763596.7, 252.6, 252.6, 0.0);
(465888.0, 3763627.1, 252.7, 252.7, 0.0); (465907.6, 3763640.8, 253.0, 253.0, 0.0);
(465911.0, 3763660.0, 253.1, 253.1, 0.0); (465946.9, 3763634.9, 252.9, 252.9, 0.0);
(465943.0, 3763617.3, 252.5, 252.5, 0.0); (465938.5, 3763592.2, 252.1, 252.1, 0.0);
(465917.9, 3763594.7, 252.4, 252.4, 0.0); (465836.9, 3763555.9, 252.2, 252.2, 0.0);
(465857.0, 3763551.0, 252.2, 252.2, 0.0); (465877.2, 3763550.0, 252.2, 252.2, 0.0);
(465896.8, 3763543.6, 252.1, 252.1, 0.0); (465916.9, 3763542.2, 251.8, 251.8, 0.0);
(465933.6, 3763538.2, 251.6, 251.6, 0.0); (465967.0, 3763530.9, 251.1, 251.1, 0.0);
(465977.8, 3763550.5, 251.6, 251.6, 0.0); (465981.2, 3763569.2, 251.8, 251.8, 0.0);
(465985.7, 3763587.3, 252.0, 252.0, 0.0); (465991.1, 3763608.4, 252.4, 252.4, 0.0);
(465996.0, 3763624.1, 252.8, 252.8, 0.0); (466001.9, 3763640.3, 253.2, 253.2, 0.0);
(466001.4, 3763662.4, 253.6, 253.6, 0.0); (466011.7, 3763677.2, 253.7, 253.7, 0.0);
(465782.9, 3763526.9, 250.9, 250.9, 0.0); (465800.1, 3763525.5, 251.2, 251.2, 0.0);

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     ( 465828.1, 3763519.6,     251.4,     251.4,       0.0);         ( 465839.8,
3763511.7,     251.4,     251.4,       0.0);
     ( 465869.3, 3763507.8,     251.6,     251.6,       0.0);         ( 465874.7,
3763489.1,     251.2,     251.2,       0.0);
     ( 465926.8, 3763511.2,     251.2,     251.2,       0.0);         ( 465927.7,
3763493.5,     250.6,     250.6,       0.0);
     ( 465442.4, 3763223.5,     248.0,     248.0,       0.0);         ( 465450.3,
3763240.2,     248.2,     248.2,       0.0);
     ( 465464.5, 3763254.0,     248.1,     248.1,       0.0);         ( 464510.0,
3763571.4,     254.3,     525.9,       0.0);
     ( 464487.2, 3763576.5,     254.1,     525.9,       0.0);         ( 464506.4,
3763554.9,     254.1,     525.9,       0.0);
     ( 464493.1, 3763544.4,     253.7,     525.9,       0.0);         ( 464495.7,
3763548.0,     253.8,     525.9,       0.0);
     ( 464471.9, 3763602.8,     254.2,     525.9,       0.0);         ( 465080.3,
3762842.7,     247.3,     247.3,       0.0);
     ( 465092.3, 3762854.2,     247.4,     247.4,       0.0);         ( 465102.2,
3762864.0,     247.5,     247.5,       0.0);
     ( 465114.2, 3762873.8,     247.5,     247.5,       0.0);         ( 465123.5,
3762883.1,     247.3,     247.3,       0.0);
     ( 465132.7, 3762891.3,     247.3,     247.3,       0.0);         ( 465143.1,
3762900.0,     247.4,     247.4,       0.0);
     ( 465153.5, 3762914.2,     247.2,     247.2,       0.0);         ( 465160.6,
3762921.9,     247.4,     247.4,       0.0);
     ( 465173.1, 3762932.2,     247.5,     247.5,       0.0);         ( 465184.0,
3762943.2,     247.4,     247.4,       0.0);
     ( 465191.1, 3762950.8,     247.6,     247.6,       0.0);         ( 465204.2,
3762960.6,     247.6,     247.6,       0.0);
     ( 465213.5, 3762971.0,     247.7,     247.7,       0.0);         ( 465077.6,
3762811.6,     246.7,     246.7,       0.0);
     ( 465090.2, 3762794.7,     247.1,     247.1,       0.0);         ( 465097.2,
3762780.5,     247.3,     247.3,       0.0);
     ( 465107.6, 3762766.9,     247.3,     247.3,       0.0);         ( 465115.8,
3762751.6,     247.4,     247.4,       0.0);
     ( 465126.7, 3762734.1,     247.3,     247.3,       0.0);         ( 465135.5,
3762719.4,     247.4,     247.4,       0.0);
     ( 465144.7, 3762701.4,     247.4,     247.4,       0.0);         ( 465157.9,
3762710.2,     247.2,     247.2,       0.0);
     ( 465149.2, 3762726.7,     247.3,     247.3,       0.0);         ( 465140.1,
3762741.8,     247.3,     247.3,       0.0);
     ( 465129.7, 3762758.2,     247.4,     247.4,       0.0);         ( 465121.7,
3762770.3,     247.3,     247.3,       0.0);
     ( 465113.6, 3762787.7,     247.3,     247.3,       0.0);         ( 465102.6,
3762801.4,     247.2,     247.2,       0.0);
     ( 465092.5, 3762819.2,     246.9,     246.9,       0.0);         ( 465104.9,
3762826.6,     247.1,     247.1,       0.0);
     ( 465114.6, 3762832.9,     247.0,     247.0,       0.0);         ( 465144.5,
3762853.4,     247.1,     247.1,       0.0);
     ( 465153.9, 3762866.8,     247.2,     247.2,       0.0);         ( 465163.6,
3762873.2,     247.2,     247.2,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(465173.6, 3762881.9, 247.2, 247.2, 0.0); (465187.4, 3762894.3, 247.3, 247.3, 0.0);
(465192.4, 3762902.7, 247.3, 247.3, 0.0); (465203.8, 3762913.4, 247.5, 247.5, 0.0);
(465209.8, 3762924.1, 247.5, 247.5, 0.0); (465223.6, 3762934.8, 247.6, 247.6, 0.0);
(465252.4, 3762915.1, 247.9, 247.9, 0.0); (465264.2, 3762904.7, 247.8, 247.8, 0.0);
(465279.6, 3762897.3, 247.6, 247.6, 0.0); (465288.6, 3762891.3, 247.5, 247.5, 0.0);
(465299.0, 3762884.9, 247.3, 247.3, 0.0); (465313.4, 3762874.8, 247.1, 247.1, 0.0);
(465260.4, 3762831.5, 247.2, 247.2, 0.0); (465279.9, 3762818.6, 247.0, 247.0, 0.0);
(465309.1, 3762802.3, 246.8, 246.8, 0.0); (465332.8, 3762790.3, 246.8, 246.8, 0.0);
(465359.2, 3762774.9, 246.6, 246.6, 0.0); (465390.8, 3762710.0, 245.9, 245.9, 0.0);
(465361.1, 3762713.7, 245.8, 245.8, 0.0); (465186.2, 3762739.2, 246.9, 246.9, 0.0);
(465203.3, 3762727.2, 246.7, 246.7, 0.0); (465215.9, 3762719.7, 246.4, 246.4, 0.0);
(465234.9, 3762708.1, 246.1, 246.1, 0.0); (465248.3, 3762704.4, 246.3, 246.3, 0.0);
(465266.9, 3762690.0, 246.4, 246.4, 0.0); (465279.0, 3762684.9, 246.4, 246.4, 0.0);
(465294.7, 3762673.8, 246.3, 246.3, 0.0); (465305.9, 3762669.6, 246.2, 246.2, 0.0);
(465324.4, 3762658.9, 246.1, 246.1, 0.0); (465335.6, 3762652.0, 246.1, 246.1, 0.0);
(465356.5, 3762640.9, 245.9, 245.9, 0.0); (465364.8, 3762651.5, 245.8, 245.8, 0.0);
(465369.4, 3762663.6, 245.8, 245.8, 0.0); (465408.4, 3762642.7, 245.6, 245.6, 0.0);
(465418.2, 3762663.6, 245.7, 245.7, 0.0); (465548.5, 3762581.5, 246.3, 246.3, 0.0);
(465548.5, 3762541.6, 246.5, 246.5, 0.0); (465576.8, 3762516.0, 246.6, 246.6, 0.0);

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     ( 465608.8, 3762507.2,     246.6,     246.6,       0.0);         ( 465626.5,
3762496.6,     246.6,     246.6,       0.0);
     ( 465648.8, 3762483.1,     246.6,     246.6,       0.0);         ( 465679.8,
3762470.6,     246.6,     246.6,       0.0);
     ( 465697.5, 3762453.9,     246.6,     246.6,       0.0);         ( 465708.6,
3762467.3,     246.6,     246.6,       0.0);
     ( 465720.2, 3762501.7,     246.6,     246.6,       0.0);         ( 465706.3,
3762507.2,     246.6,     246.6,       0.0);
     ( 465680.8, 3762512.3,     246.6,     246.6,       0.0);         ( 465650.1,
3762525.8,     246.6,     246.6,       0.0);
     ( 465621.8, 3762530.4,     246.6,     246.6,       0.0);         ( 465609.3,
3762570.8,     246.5,     246.5,       0.0);
     ( 465597.7, 3762593.1,     246.4,     246.4,       0.0);         ( 465466.9,
3762523.3,     246.4,     246.4,       0.0);
     ( 465495.5, 3762752.3,     246.2,     246.2,       0.0);         ( 465607.3,
3762691.5,     246.3,     246.3,       0.0);
     ( 465638.9, 3762732.8,     246.5,     246.5,       0.0);         ( 465880.9,
3761971.0,     245.3,     245.3,       0.0);
     ( 465899.1, 3761961.9,     245.5,     248.8,       0.0);         ( 465918.7,
3761949.0,     245.4,     245.4,       0.0);
     ( 466021.5, 3761887.8,     245.5,     245.5,       0.0);         ( 466003.3,
3761909.0,     245.8,     245.8,       0.0);
     ( 465948.9, 3761935.4,     245.8,     245.8,       0.0);         ( 465938.1,
3762064.5,     245.4,     245.4,       0.0);
     ( 465966.1, 3762033.8,     246.3,     246.3,       0.0);         ( 466006.6,
3762068.4,     245.6,     245.6,       0.0);
     ( 465978.8, 3762064.1,     245.6,     245.6,       0.0);         ( 466203.6,
3761946.8,     250.4,     250.4,       0.0);
     ( 466279.3, 3761913.7,     251.8,     251.8,       0.0);         ( 466157.9,
3761983.1,     248.5,     248.5,       0.0);
     ( 466088.3, 3761838.6,     249.7,     249.7,       0.0);         ( 466150.5,
3761817.3,     250.6,     250.6,       0.0);
     ( 466462.1, 3761909.6,     250.6,     250.6,       0.0);         ( 466425.3,
3761902.5,     250.4,     250.4,       0.0);
     ( 466363.5, 3761988.9,     249.0,     249.0,       0.0);         ( 466365.5,
3762027.1,     248.8,     248.8,       0.0);
     ( 466372.6, 3762046.2,     249.0,     249.0,       0.0);         ( 466413.6,
3762063.5,     250.8,     250.8,       0.0);
     ( 466414.2, 3762046.2,     250.6,     250.6,       0.0);         ( 466459.0,
3762015.7,     252.6,     252.6,       0.0);
     ( 466437.6, 3761986.0,     252.0,     252.0,       0.0);         ( 466453.0,
3761976.6,     252.4,     252.4,       0.0);
     ( 466501.1, 3762012.2,     253.5,     253.5,       0.0);         ( 466519.9,
3762059.0,     253.7,     253.7,       0.0);
     ( 466557.3, 3762034.2,     256.1,     256.1,       0.0);         ( 466527.9,
3761996.3,     254.2,     254.2,       0.0);
     ( 466518.2, 3762033.9,     254.1,     254.1,       0.0);         ( 466547.0,
3762016.5,     255.7,     255.7,       0.0);
     ( 466361.2, 3761911.0,     251.0,     251.0,       0.0);         ( 466392.8,
3761859.3,     253.8,     253.8,       0.0);
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(466654.9, 3761408.6, 261.7, 261.7, 0.0); (466620.6,
3761311.1, 261.5, 261.5, 0.0);
(466644.7, 3761353.3, 261.7, 261.7, 0.0); (467171.7,
3761628.8, 264.1, 588.7, 0.0);
(467160.8, 3761592.2, 264.7, 588.7, 0.0); (467178.8,
3761577.4, 265.2, 588.7, 0.0);
(467217.3, 3761552.3, 266.1, 588.7, 0.0); (467195.7,
3761727.0, 264.2, 588.7, 0.0);
(467217.0, 3761765.0, 263.6, 588.7, 0.0); (467244.4,
3761802.2, 263.2, 588.7, 0.0);
(466609.0, 3760870.3, 267.0, 267.0, 0.0); (466590.5,
3760838.6, 267.8, 267.8, 0.0);
(466550.0, 3760856.6, 267.6, 267.6, 0.0); (466511.3,
3760738.7, 268.2, 268.2, 0.0);
(466516.7, 3760721.2, 268.2, 268.2, 0.0); (466484.5,
3760653.5, 269.2, 269.2, 0.0);
(466405.9, 3760662.2, 268.5, 268.5, 0.0); (466418.4,
3760685.2, 268.5, 268.5, 0.0);
(466437.0, 3760693.9, 268.5, 268.5, 0.0); (466469.2,
3760637.1, 269.4, 269.4, 0.0);
(466422.2, 3760602.2, 268.8, 268.8, 0.0); (466442.5,
3760585.8, 269.0, 269.0, 0.0);
(466331.6, 3760843.5, 265.2, 265.2, 0.0); (466230.0,
3760624.0, 265.2, 265.2, 0.0);
(466170.0, 3760518.6, 265.1, 271.3, 0.0); (466228.4,
3760625.6, 265.1, 265.1, 0.0);
(466519.1, 3761138.9, 263.5, 263.5, 0.0); (466541.4,
3761178.4, 263.1, 263.1, 0.0);
(466448.1, 3761006.1, 265.4, 265.4, 0.0); (466426.7,
3760962.0, 266.0, 266.0, 0.0);
(466082.3, 3759528.6, 268.1, 268.1, 0.0); (466025.5,
3759415.6, 266.2, 266.2, 0.0);
(464938.8, 3759307.6, 258.7, 258.7, 0.0); (464884.8,
3759310.8, 255.7, 255.7, 0.0);
(464807.0, 3759384.7, 245.2, 402.1, 0.0); (465650.0,
3758786.5, 271.2, 271.2, 0.0);

```
    ( 465761.2, 3758976.0,     269.3,     269.3,       0.0);         ( 465106.5,
3758565.0,     249.6,     357.2,       0.0);
    ( 465110.0, 3758591.7,     249.1,     357.2,       0.0);         ( 465314.6,
3758493.0,     269.7,     357.2,       0.0);
    ( 465402.7, 3758645.1,     269.8,     269.8,       0.0);         ( 465036.2,
3758155.0,     271.9,     357.2,       0.0);
    ( 465050.4, 3758090.9,     275.2,     357.2,       0.0);         ( 465046.0,
3758063.3,     276.9,     357.2,       0.0);
    ( 464984.6, 3758199.4,     269.7,     357.2,       0.0);         ( 464928.5,
3758219.9,     268.1,     357.2,       0.0);
    ( 465207.0, 3757892.5,     274.9,     357.2,       0.0);         ( 465151.8,
3757604.3,     278.5,     357.2,       0.0);
    ( 465117.1, 3757566.1,     276.3,     357.2,       0.0);         ( 465094.9,
3757499.4,     276.3,     357.2,       0.0);
    ( 465051.3, 3757417.5,     273.8,     357.2,       0.0);         ( 464972.1,
3757605.2,     283.5,     357.2,       0.0);
    ( 464940.1, 3757550.1,     279.7,     357.2,       0.0);         ( 464916.1,
3757510.9,     276.9,     357.2,       0.0);
    ( 464894.8, 3757478.9,     275.1,     357.2,       0.0);         ( 464699.9,
3757333.0,     266.0,     357.2,       0.0);
    ( 464481.1, 3757131.1,     259.5,     357.2,       0.0);         ( 464361.9,
3756866.9,     257.4,     330.5,       0.0);
    ( 464281.8, 3756591.1,     259.9,     330.5,       0.0);         ( 464235.6,
3756543.1,     259.8,     330.5,       0.0);
    ( 464253.4, 3756616.0,     259.6,     330.5,       0.0);         ( 464677.4,
3755989.2,     272.4,     272.4,       0.0);
    ( 464700.8, 3756069.2,     271.3,     271.3,       0.0);         ( 464752.5,
3756072.9,     271.3,     271.3,       0.0);
    ( 464726.6, 3756045.8,     271.8,     271.8,       0.0);         ( 464726.6,
3755885.8,     274.8,     274.8,       0.0);
    ( 464709.4, 3755930.1,     273.9,     273.9,       0.0);         ( 464771.0,
3755917.8,     274.7,     274.7,       0.0);
    ( 464799.3, 3755932.6,     274.9,     274.9,       0.0);         ( 464903.9,
3755872.2,     277.4,     427.7,       0.0);
    ( 464855.9, 3755837.8,     277.8,     427.7,       0.0);         ( 464357.5,
3756197.0,     266.0,     266.0,       0.0);
    ( 463971.3, 3755883.1,     268.6,     268.6,       0.0);         ( 463777.7,
3756154.1,     260.6,     260.6,       0.0);
    ( 463401.3, 3755910.1,     264.3,     264.3,       0.0);         ( 463310.2,
3755300.3,     269.0,     269.0,       0.0);
    ( 463828.6, 3755755.8,     268.8,     268.8,       0.0);         ( 461422.3,
3754393.2,     254.0,     254.0,       0.0);
    ( 461581.6, 3754502.6,     252.2,     252.2,       0.0);         ( 461732.8,
3754617.4,     253.0,     260.2,       0.0);
    ( 463584.7, 3773404.2,     384.1,    2697.3,       0.0);         ( 463565.6,
3773428.6,     384.3,    2697.3,       0.0);
    ( 463452.6, 3772407.9,     369.2,    2697.3,       0.0);         ( 463381.2,
3772107.6,     365.3,    2697.3,       0.0);
    ( 463456.0, 3771996.5,     363.3,    2697.3,       0.0);         ( 463382.7,
3771899.3,     361.9,    2697.3,       0.0);
```

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

(463081.3, 3771178.5, 352.4, 2697.3, 0.0); (463387.2,
3770930.7, 348.0, 348.0, 0.0);
(463393.5, 3770784.6, 345.6, 345.6, 0.0); (464272.6,
3770316.6, 335.2, 335.2, 0.0);
(464292.7, 3770216.8, 333.5, 333.5, 0.0); (464857.4,
3770180.3, 332.5, 332.5, 0.0);
(464911.1, 3770169.6, 332.4, 332.4, 0.0); (472010.1,
3773350.1, 320.7, 320.7, 0.0);
(472017.0, 3773222.1, 319.8, 319.8, 0.0); (472090.0,
3771728.6, 313.0, 313.0, 0.0);
(472065.1, 3771814.2, 312.8, 312.8, 0.0); (472215.8,
3771412.3, 313.4, 313.4, 0.0);
(472243.7, 3771355.6, 312.3, 312.3, 0.0); (472254.1,
3771342.2, 311.9, 311.9, 0.0);
(469633.1, 3764556.2, 295.2, 736.3, 0.0); (469567.1,
3764486.3, 295.3, 736.3, 0.0);
(469724.1, 3764529.8, 296.4, 770.4, 0.0); (468422.2,
3764520.6, 271.8, 736.3, 0.0);
(468748.0, 3764105.1, 280.7, 736.3, 0.0); (468964.3,
3764293.7, 284.1, 736.3, 0.0);
(468800.1, 3764957.2, 278.8, 736.3, 0.0); (469497.5,
3764314.6, 292.5, 770.4, 0.0);
(468138.3, 3763601.3, 272.2, 736.3, 0.0); (468310.8,
3763707.1, 274.8, 736.3, 0.0);
(471167.5, 3765485.2, 325.6, 736.3, 0.0); (471211.2,
3765490.1, 327.7, 736.3, 0.0);
(471132.5, 3765415.2, 325.9, 736.3, 0.0); (471094.5,
3765508.5, 324.1, 736.3, 0.0);
(471117.9, 3765508.5, 324.4, 736.3, 0.0); (471262.8,
3766806.5, 329.7, 736.3, 0.0);
(471323.2, 3766798.1, 330.2, 736.3, 0.0); (471338.6,
3766865.5, 330.5, 736.3, 0.0);
(471411.7, 3766831.8, 335.3, 736.3, 0.0); (471460.1,
3766840.9, 335.9, 736.3, 0.0);

```
     ( 471453.1, 3766880.3,     334.3,     736.3,       0.0);         ( 471524.0,
3766845.1,     336.2,     736.3,       0.0);
     ( 471542.3, 3766851.5,     336.3,     736.3,       0.0);         ( 473015.6,
3767913.4,     311.0,     736.3,       0.0);
     ( 473085.4, 3768000.3,     310.2,     736.3,       0.0);         ( 473037.4,
3768050.6,     309.2,     736.3,       0.0);
     ( 472556.2, 3768509.9,     298.2,     736.3,       0.0);         ( 472579.1,
3768572.8,     297.7,     736.3,       0.0);
     ( 468876.7, 3760856.7,     301.5,     936.0,       0.0);         ( 468877.4,
3760872.5,     301.5,     936.0,       0.0);
     ( 468836.6, 3760820.2,     299.7,     936.0,       0.0);         ( 468916.1,
3760787.2,     301.7,     936.0,       0.0);
     ( 467288.9, 3772359.0,     360.2,     360.2,       0.0);         ( 467212.8,
3772366.6,     360.9,     360.9,       0.0);
     ( 466930.3, 3771522.9,     350.6,     350.6,       0.0);         ( 467229.1,
3771542.7,     349.1,     349.1,       0.0);
     ( 467954.0, 3771528.7,     338.6,     338.6,       0.0);         ( 467908.5,
3771580.1,     338.7,     338.7,       0.0);
     ( 466335.0, 3772523.0,     357.8,     357.8,       0.0);         ( 474189.7,
3773011.1,     312.5,    1875.0,       0.0);
     ( 468146.9, 3760234.0,     293.9,     936.0,       0.0);         ( 468083.7,
3760113.0,     294.6,     936.0,       0.0);
     ( 467468.5, 3758412.5,     294.5,     909.0,       0.0);         ( 470144.0,
3757934.3,     371.1,     936.0,       0.0);
     ( 468846.8, 3759822.8,     307.5,     936.0,       0.0);         ( 471818.8,
3757033.0,     449.5,     936.0,       0.0);
     ( 473670.2, 3755859.6,     487.5,     936.0,       0.0);         ( 473859.1,
3756296.1,     504.2,     936.0,       0.0);
     ( 475261.6, 3755676.9,     505.4,     936.0,       0.0);         ( 474899.3,
3755738.9,     507.7,     936.0,       0.0);
     ( 474763.1, 3755779.1,     509.8,     936.0,       0.0);

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                              *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                  (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
```

```
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: KRAL_V9_ADJU\KRAL_v9.SFC
Met Version: 16216
Profile file: KRAL_V9_ADJU\KRAL_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171 Upper air station no.: 3190
Name: KRAL_RIVERSIDE_AIRPORT Name: UNKNOWN

Year: 2012 Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT

```
 12 01 01   1 01  -25.6  0.266 -9.000 -9.000 -999.  330.     77.9  0.15   2.40
1.00    2.93   55.   10.1  288.1    2.0
 12 01 01   1 02  -26.8  0.277 -9.000 -9.000 -999.  351.     84.7  0.15   2.40
1.00    3.05   55.   10.1  287.0    2.0
 12 01 01   1 03  -21.5  0.221 -9.000 -9.000 -999.  250.     53.5  0.15   2.40
1.00    2.45   74.   10.1  284.2    2.0
 12 01 01   1 04  -22.0  0.227 -9.000 -9.000 -999.  260.     56.8  0.15   2.40
1.00    2.52   77.   10.1  285.9    2.0
 12 01 01   1 05  -20.0  0.206 -9.000 -9.000 -999.  225.     46.8  0.15   2.40
1.00    2.30   80.   10.1  285.4    2.0
 12 01 01   1 06  -14.4  0.171 -9.000 -9.000 -999.  170.     32.1  0.15   2.40
1.00    1.93   79.   10.1  287.0    2.0
 12 01 01   1 07  -14.9  0.174 -9.000 -9.000 -999.  174.     33.2  0.15   2.40
1.00    1.96   77.   10.1  284.2    2.0
 12 01 01   1 08  -11.9  0.169 -9.000 -9.000 -999.  167.     36.1  0.15   2.40
0.53    1.89   77.   10.1  288.1    2.0
 12 01 01   1 09   40.4  0.234  0.359  0.006   40.  272.    -28.1  0.15   2.40
0.31    2.10   81.   10.1  289.2    2.0
 12 01 01   1 10  112.6  0.246  0.742  0.005  129.  293.    -11.8  0.15   2.40
0.24    1.99  101.   10.1  296.4    2.0
 12 01 01   1 11  161.0  0.402  1.188  0.005  369.  611.    -35.6  0.15   2.40
0.21    3.68   78.   10.1  298.8    2.0
 12 01 01   1 12  184.7  0.337  1.516  0.005  668.  473.    -18.4  0.15   2.40
0.20    2.89   68.   10.1  300.4    2.0
 12 01 01   1 13  183.9  0.310  1.809  0.005 1139.  414.    -14.2  0.15   2.40
0.20    2.57   64.   10.1  302.5    2.0
 12 01 01   1 14  156.6  0.374  1.852  0.005 1434.  549.    -29.5  0.15   2.40
0.22    3.37   63.   10.1  303.1    2.0
 12 01 01   1 15  104.3  0.382  1.658  0.005 1546.  567.    -47.2  0.15   2.40
0.25    3.59   62.   10.1  302.5    2.0
 12 01 01   1 16   31.8  0.374  1.123  0.005 1573.  550.   -145.8  0.15   2.40
0.34    3.76   69.   10.1  300.9    2.0
 12 01 01   1 17  -23.3  0.276 -9.000 -9.000 -999.  354.     84.0  0.15   2.40
0.62    3.03   59.   10.1  297.5    2.0
 12 01 01   1 18  -21.5  0.229 -9.000 -9.000 -999.  264.     57.8  0.15   2.40
1.00    2.54   54.   10.1  295.4    2.0
 12 01 01   1 19  -19.3  0.204 -9.000 -9.000 -999.  221.     45.6  0.15   2.40
1.00    2.27   79.   10.1  292.0    2.0
 12 01 01   1 20  -20.7  0.218 -9.000 -9.000 -999.  244.     52.2  0.15   2.40
1.00    2.42   79.   10.1  292.5    2.0
 12 01 01   1 21  -19.7  0.206 -9.000 -9.000 -999.  225.     46.9  0.15   2.40
1.00    2.30   95.   10.1  290.9    2.0
 12 01 01   1 22  -17.6  0.190 -9.000 -9.000 -999.  199.     39.8  0.15   2.40
1.00    2.13   78.   10.1  290.4    2.0
 12 01 01   1 23  -20.3  0.211 -9.000 -9.000 -999.  233.     49.0  0.15   2.40
1.00    2.35   52.   10.1  289.2    2.0
 12 01 01   1 24  -16.4  0.183 -9.000 -9.000 -999.  189.     37.0  0.15   2.40
1.00    2.06   75.   10.1  288.8    2.0
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALLIDLE ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
,

                                       *** 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
 -
- -
         465370.10   3764407.54   3.83278   465383.87
3764412.76   3.77547
         465401.45   3764436.51   3.45075   465402.58
3764410.16   3.86815
         465401.09   3764424.54   3.62539   465707.10
3763626.13   2.72900
         465720.25   3763639.94   2.77229   465732.08
3763652.44   2.81172
         465743.26   3763670.85   2.90600   465752.47
3763683.34   2.96688
         465762.99   3763695.83   3.02574   465771.53
3763711.61   3.13652
         465789.95   3763743.18   3.37256   465649.89
3763549.86   2.44210
         465642.00   3763538.68   2.39953   465628.85
3763513.69   2.29183
         465621.61   3763502.52   2.24778   465609.78
3763485.42   2.18526

```
         465599.26    3763471.61        2.13695                    465582.82
3763441.36        2.01796
         465676.19    3763559.06        2.40822                    465700.52
3763547.89        2.26324
         465718.93    3763545.91        2.19642                    465723.53
3763582.74        2.38760
         465734.05    3763574.19        2.30227                    465757.73
3763572.22        2.21299
         465759.04    3763535.39        2.02663                    465743.26
3763540.00        2.09364
         465764.96    3763482.79        1.79603                    465745.89
3763484.76        1.84746
         465717.62    3763493.31        1.94871                    465704.46
3763496.60        1.99536
         465680.79    3763503.17        2.08662                    465672.25
3763478.84        1.99600
         465663.04    3763463.06        1.94723                    465651.20
3763445.97        1.89908
         465636.08    3763428.21        1.85392                    465652.52
3763417.04        1.78160
         465670.93    3763405.86        1.71009                    465699.20
3763447.28        1.81304
         465707.75    3763468.98        1.87705                    465690.66
3763401.91        1.66376
         465707.75    3763424.93        1.71378                    465730.11
3763417.69        1.64607
         465711.70    3763390.08        1.58807                    465730.11
3763375.61        1.51340
         465748.52    3763405.86        1.57540                    465759.70
3763392.05        1.51452
         465759.04    3763453.86        1.70951                    465772.19
3763445.31        1.65476
         465786.66    3763436.76        1.59946                    465473.67
3763269.09        1.47162
         465484.85    3763283.56        1.50863                    465494.05
3763298.02        1.54862
         465507.20    3763317.75        1.60488                    465513.78
3763331.56        1.64784
         465524.30    3763347.34        1.69580                    465534.82
3763363.77        1.74762
         465543.37    3763376.93        1.78955                    465553.23
3763391.39        1.83752
         465557.83    3763407.17        1.90091                    465570.33
3763422.95        1.95255
         465734.77    3763819.90        4.91668                    465803.72
3763759.50        3.49073
         465813.22    3763774.61        3.62804                    465815.89
3763795.75        3.89818
         465834.62    3763804.85        3.90142                    465852.68
3763808.30        3.82030
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         465873.18    3763799.25        3.56721                      465894.89
3763786.89        3.29687
         465910.87    3763778.44        3.12337                      465859.91
3763750.10        3.08847
         465845.74    3763733.22        2.98731                      465835.19
3763717.54        2.88804
         465826.45    3763700.65        2.77879                      465814.08
3763685.27        2.70601
         465802.63    3763664.77        2.59930                      465792.98
3763652.71        2.55361
         465783.63    3763638.54        2.49665                      465772.47
3763619.24        2.41965
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                   PAGE 351
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALLIDLE  ***
                                   INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
,

                                        *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         465945.90    3763759.17        2.78267                      465965.05
3763747.39        2.61440
         465977.82    3763739.53        2.51039                      465994.51
3763729.22        2.38127
         466008.75    3763716.45        2.25644                      466020.53
3763697.31        2.10965
         465881.58    3763738.06        2.87400                      465897.30
3763730.20        2.73993
         465915.46    3763717.93        2.57139                      465928.23
3763706.64        2.44291
         465940.99    3763691.91        2.30196                      465948.85
```

3763672.76 2.16217
465950.81 3763653.61 2.05248 465870.78
3763694.36 2.55908
465855.07 3763687.49 2.56602 465843.78
3763669.32 2.47895
465834.45 3763655.57 2.42168 465826.10
3763637.41 2.33899
465820.21 3763611.38 2.21243 465802.54
3763613.35 2.28046
465777.99 3763570.14 2.13825 465798.12
3763564.25 2.05024
465819.72 3763561.80 1.97749 465838.87
3763604.51 2.11793
465876.67 3763602.06 1.99617 465898.28
3763596.66 1.91507
465887.97 3763627.10 2.08620 465907.61
3763640.84 2.10265
465911.04 3763659.99 2.19923 465946.88
3763634.95 1.96708
465942.96 3763617.28 1.89292 465938.54
3763592.24 1.79567
465917.92 3763594.69 1.85611 465836.90
3763555.90 1.90579
465857.03 3763550.99 1.83431 465877.17
3763550.01 1.78136
465896.80 3763543.63 1.71244 465916.93
3763542.16 1.66176
465933.63 3763538.23 1.61294 465967.01
3763530.86 1.52385
465977.82 3763550.50 1.56505 465981.25
3763569.16 1.61995
465985.67 3763587.33 1.67533 465991.07
3763608.44 1.74665
465995.98 3763624.15 1.80262 466001.87
3763640.35 1.86319
466001.38 3763662.45 1.97219 466011.69
3763677.18 2.02330
465782.90 3763526.94 1.92493 465800.08
3763525.46 1.87543
465828.07 3763519.57 1.78531 465839.85
3763511.72 1.72968
465869.31 3763507.79 1.65243 465874.71
3763489.13 1.58244
465926.75 3763511.22 1.54325 465927.74
3763493.55 1.48939
465442.39 3763223.49 1.35737 465450.32
3763240.18 1.40063
465464.51 3763253.96 1.43135 464510.03
3763571.36 1.57900
464487.21 3763576.49 1.52833 464506.44

3763554.95   1.55048
         464493.11   3763544.44   1.50607   464495.67
3763548.03   1.51645
         464471.92   3763602.84   1.51541   465080.33
3762842.73   0.74196
         465092.34   3762854.19   0.75470   465102.17
3762864.02   0.76604
         465114.18   3762873.84   0.77741   465123.45
3762883.12   0.78788
         465132.73   3762891.31   0.79763   465143.10
3762900.04   0.80823
         465153.48   3762914.23   0.82527   465160.57
3762921.88   0.83533
         465173.13   3762932.25   0.84881   465184.04
3762943.16   0.86294
         465191.14   3762950.80   0.87342   465204.24
3762960.63   0.88682
         465213.52   3762971.00   0.90133   465077.60
3762811.62   0.71017

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALLIDLE ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
,

                                          *** 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
 -
- -
         465090.16   3762794.70   0.69569   465097.25
3762780.50   0.68346
         465107.63   3762766.86   0.67183   465115.81
3762751.58   0.65909

```
         465126.73    3762734.11        0.64480                    465135.46
3762719.37        0.63312
         465144.74    3762701.36        0.61921                    465157.89
3762710.25        0.62593
         465149.18    3762726.68        0.63904                    465140.13
3762741.76        0.65130
         465129.74    3762758.19        0.66509                    465121.69
3762770.26        0.67531
         465113.64    3762787.69        0.69062                    465102.58
3762801.43        0.70279
         465092.53    3762819.20        0.71868                    465104.93
3762826.57        0.72681
         465114.65    3762832.94        0.73353                    465144.48
3762853.39        0.75588
         465153.87    3762866.80        0.77061                    465163.59
3762873.17        0.77776
         465173.65    3762881.88        0.78786                    465187.39
3762894.29        0.80224
         465192.42    3762902.67        0.81222                    465203.82
3762913.39        0.82542
         465209.85    3762924.12        0.83875                    465223.60
3762934.85        0.85237
         465252.42    3762915.07        0.82708                    465264.16
3762904.68        0.81362
         465279.58    3762897.30        0.80356                    465288.63
3762891.27        0.79564
         465299.02    3762884.90        0.78722                    465313.43
3762874.84        0.77438
         465260.41    3762831.55        0.73225                    465279.90
3762818.56        0.71802
         465309.13    3762802.32        0.70021                    465332.79
3762790.26        0.68729
         465359.24    3762774.95        0.67101                    465390.79
3762709.99        0.61416
         465361.09    3762713.70        0.61926                    465186.17
3762739.22        0.64894
         465203.34    3762727.16        0.63860                    465215.87
3762719.73        0.63197
         465234.89    3762708.13        0.62211                    465248.35
3762704.42        0.61912
         465266.90    3762690.04        0.60763                    465278.97
3762684.93        0.60329
         465294.74    3762673.80        0.59431                    465305.88
3762669.62        0.59072
         465324.44    3762658.95        0.58203                    465335.57
3762651.99        0.57646
         465356.45    3762640.86        0.56739                    465364.80
3762651.53        0.57391
         465369.44    3762663.59        0.58185                    465408.42
3762642.71        0.56447
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         465418.16    3762663.59        0.57779                       465548.54
3762581.47        0.51405
         465548.54    3762541.57        0.49239                       465576.84
3762516.05        0.47651
         465608.85    3762507.23        0.46890                       465626.48
3762496.56        0.46187
         465648.75    3762483.11        0.45323                       465679.84
3762470.58        0.44424
         465697.47    3762453.88        0.43508                       465708.61
3762467.33        0.43965
         465720.21    3762501.67        0.45352                       465706.29
3762507.23        0.45780
         465680.77    3762512.34        0.46331                       465650.15
3762525.79        0.47337
         465621.84    3762530.43        0.47896                       465609.32
3762570.80        0.50138
         465597.72    3762593.07        0.51501                       465466.93
3762523.28        0.48988
         465495.51    3762752.32        0.63558                       465607.32
3762691.54        0.57422
         465638.88    3762732.83        0.59773                       465880.93
3761970.96        0.27635
         465899.06    3761961.89        0.27356                       465918.70
3761949.05        0.26987
         466021.46    3761887.85        0.25273                       466003.33
3761909.00        0.25761
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 353
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALLIDLE  ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
,

                                       *** 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
 -

465948.93   3761935.45   0.26563   465938.07
3762064.51   0.29274
465966.07   3762033.84   0.28449   466006.63
3762068.43   0.28877
465978.83   3762064.10   0.28984   466203.62
3761946.81   0.25279
466279.35   3761913.67   0.24249   466157.86
3761983.09   0.26187
466088.29   3761838.62   0.24182   466150.53
3761817.33   0.23520
466462.09   3761909.65   0.22891   466425.32
3761902.53   0.23045
466363.48   3761988.88   0.24768   466365.47
3762027.07   0.25367
466372.60   3762046.16   0.25631   466413.64
3762063.55   0.25617
466414.21   3762046.16   0.25322   466458.95
3762015.67   0.24508
466437.58   3761986.03   0.24214   466452.97
3761976.62   0.23960
466501.13   3762012.25   0.24128   466519.94
3762058.99   0.24681
466557.27   3762034.19   0.24031   466527.92
3761996.29   0.23691
466518.23   3762033.91   0.24323   466547.01
3762016.52   0.23852
466361.23   3761910.97   0.23626   466392.75
3761859.34   0.22719
466437.01   3761856.66   0.22387   466667.45
3761397.88   0.16421
466654.92   3761408.56   0.16559   466620.57
3761311.09   0.15900
466644.70   3761353.33   0.16148   467171.74
3761628.78   0.15922
467160.82   3761592.16   0.15718   467178.81
3761577.39   0.15531
467217.35   3761552.33   0.15183   467195.67
3761726.98   0.16512
467217.02   3761765.04   0.16678   467244.41
3761802.18   0.16800
466609.01   3760870.30   0.12958   466590.45
3760838.62   0.12815
466550.04   3760856.64   0.13008   466511.26
3760738.68   0.12418
466516.72   3760721.21   0.12313   466484.50
3760653.49   0.12010
466405.86   3760662.23   0.12194   466418.42

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3760685.17        0.12296
         466436.99    3760693.90        0.12311                        466469.21
3760637.11        0.11848
         466422.25    3760602.16        0.11850                        466442.45
3760585.77        0.11734
         466331.59    3760843.54        0.13388                        466230.02
3760624.00        0.12274
         466169.95    3760518.60        0.11796                        466228.38
3760625.64        0.12285
         466519.10    3761138.93        0.14932                        466541.38
3761178.39        0.15154
         466448.07    3761006.15        0.14192                        466426.71
3760962.05        0.13947
         466082.34    3759528.59        0.08066                        466025.48
3759415.59        0.07790
         464938.75    3759307.56        0.07769                        464884.77
3759310.77        0.07771
         464807.00    3759384.68        0.07939                        465649.97
3758786.54        0.05341
         465761.16    3758976.01        0.06830                        465106.46
3758565.04        0.06105
         465110.02    3758591.73        0.06152                        465314.61
3758492.99        0.05826
         465402.68    3758645.10        0.06029                        465036.18
3758154.96        0.04421
         465050.42    3758090.91        0.03921                        465045.97
3758063.34        0.03719
         464984.59    3758199.44        0.05383                        464928.55
3758219.90        0.05553
         465206.98    3757892.54        0.03725                        465151.83
3757604.33        0.03181
         465117.13    3757566.08        0.03317                        465094.89
3757499.37        0.03267
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 354
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALLIDLE  ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465051.31	3757417.53	0.03438	464972.14	3757605.22	0.02913
464940.11	3757550.07	0.03083	464916.10	3757510.93	0.03249
464894.75	3757478.91	0.03373	464699.94	3757333.02	0.04417
464481.11	3757131.09	0.04205	464361.91	3756866.90	0.03955
464281.85	3756591.14	0.03722	464235.59	3756543.11	0.03683
464253.39	3756616.05	0.03741	464677.39	3755989.20	0.02658
464700.79	3756069.23	0.02797	464752.50	3756072.92	0.02797
464726.64	3756045.84	0.02733	464726.64	3755885.78	0.02422
464709.41	3755930.10	0.02505	464770.97	3755917.79	0.02438
464799.28	3755932.57	0.02434	464903.94	3755872.24	0.02257
464855.92	3755837.76	0.02228	464357.52	3756197.03	0.03431
463971.35	3755883.07	0.03211	463777.74	3756154.12	0.03381
463401.30	3755910.15	0.03205	463310.23	3755300.27	0.02855
463828.59	3755755.84	0.03128	461422.35	3754393.19	0.02339
461581.60	3754502.61	0.02390	461732.84	3754617.38	0.02446
463584.74	3773404.24	0.01220	463565.61	3773428.58	0.01218
463452.60	3772407.95	0.01535	463381.18	3772107.58	0.01634
463456.01	3771996.49	0.01683	463382.72	3771899.28	0.01716
463391.98	3771839.87	0.01738	463450.61	3771836.01	0.01750
463449.07	3771509.67	0.01888	463128.13	3771147.07	0.02093

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         463081.29    3771178.48        0.02082                      463387.17
3770930.69        0.02202
         463393.52    3770784.56        0.02303                      464272.60
3770316.61        0.02594
         464292.70    3770216.83        0.02677                      464857.42
3770180.33        0.02462
         464911.10    3770169.59        0.02464                      472010.14
3773350.14        0.01156
         472017.02    3773222.10        0.01182                      472090.00
3771728.63        0.01538
         472065.13    3771814.18        0.01524                      472215.84
3771412.29        0.01567
         472243.69    3771355.59        0.01572                      472254.14
3771342.16        0.01573
         469633.06    3764556.22        0.21690                      469567.11
3764486.31        0.24092
         469724.07    3764529.84        0.21939                      468422.23
3764520.61        0.29446
         468748.02    3764105.13        0.44600                      468964.34
3764293.74        0.35589
         468800.09    3764957.17        0.16031                      469497.47
3764314.56        0.29852
         468138.32    3763601.28        0.50347                      468310.81
3763707.06        0.52772
         471167.46    3765485.21        0.06017                      471211.21
3765490.07        0.05908
         471132.46    3765415.22        0.06315                      471094.55
3765508.54        0.06017
         471117.88    3765508.54        0.05996                      471262.76
3766806.52        0.03356
         471323.17    3766798.09        0.03322                      471338.62
3766865.52        0.03268
         471411.67    3766831.80        0.03174                      471460.13
3766840.94        0.03137
         471453.11    3766880.27        0.03144                      471524.05
3766845.15        0.03102
         471542.31    3766851.47        0.03087                      473015.63
3767913.38        0.02372
         473085.40    3768000.30        0.02327                      473037.37
3768050.63        0.02329
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 355
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALLIDLE  ***
```

```
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
,

                                             *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        0.02349                       472579.11
3768572.78        0.02321
         468876.69    3760856.73        0.05977                       468877.41
3760872.49        0.06012
         468836.56    3760820.18        0.05964                       468916.10
3760787.22        0.05797
         467288.87    3772358.98        0.01378                       467212.83
3772366.58        0.01368
         466930.26    3771522.88        0.01659                       467229.10
3771542.73        0.01683
         467954.03    3771528.72        0.01684                       467908.50
3771580.08        0.01680
         466335.05    3772522.99        0.01387                       474189.68
3773011.06        0.01107
         468146.89    3760234.01        0.04679                       468083.74
3760112.97        0.04460
         467468.53    3758412.46        0.02821                       470144.04
3757934.27        0.01390
         468846.85    3759822.78        0.03644                       471818.84
3757032.99        0.01028
         473670.24    3755859.61        0.00825                       473859.09
3756296.15        0.00862
         475261.57    3755676.95        0.00728                       474899.34
3755738.87        0.00754
         474763.12    3755779.12        0.00764

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 356
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CNGLIFT ***

INCLUDING SOURCE(S): L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , L0000029 , L0000030 , L0000031 , L0000032 , L0000033 , L0000034 , L0000035 , L0000036 , L0000037 , L0000038 , L0000039 , L0000040 , L0000041 , L0000042 , L0000043 , L0000044 , L0000045 , L0000046 , . . . ,

*** 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
465370.10	3764407.54	3.82224	465383.87	3764412.76	3.76984
465401.45	3764436.51	3.44260	465402.58	3764410.16	3.87228
465401.09	3764424.54	3.62220	465707.10	3763626.13	2.90573
465720.25	3763639.94	2.95553	465732.08	3763652.44	2.99950
465743.26	3763670.85	3.10168	465752.47	3763683.34	3.16589
465762.99	3763695.83	3.22634	465771.53	3763711.61	3.34172
465789.95	3763743.18	3.58686	465649.89	3763549.86	2.56608
465642.00	3763538.68	2.51562	465628.85	3763513.69	2.39166
465621.61	3763502.52	2.34076	465609.78	3763485.42	2.26820
465599.26	3763471.61	2.21220	465582.82	3763441.36	2.07924
465676.19	3763559.06	2.53849	465700.52	3763547.89	2.38503
465718.93	3763545.91	2.31554	465723.53	3763582.74	2.52823
465734.05	3763574.19	2.43562	465757.73	3763572.22	2.34057
465759.04	3763535.39	2.13587	465743.26	3763540.00	2.20703

```
         465764.96    3763482.79        1.88305                    465745.89
3763484.76        1.93618
         465717.62    3763493.31        2.04188                    465704.46
3763496.60        2.09017
         465680.79    3763503.17        2.18435                    465672.25
3763478.84        2.08207
         465663.04    3763463.06        2.02614                    465651.20
3763445.97        1.97053
         465636.08    3763428.21        1.91785                    465652.52
3763417.04        1.84339
         465670.93    3763405.86        1.76984                    465699.20
3763447.28        1.88748
         465707.75    3763468.98        1.95995                    465690.66
3763401.91        1.72353
         465707.75    3763424.93        1.78107                    465730.11
3763417.69        1.71185
         465711.70    3763390.08        1.64573                    465730.11
3763375.61        1.56820
         465748.52    3763405.86        1.63814                    465759.70
3763392.05        1.57385
         465759.04    3763453.86        1.78657                    465772.19
3763445.31        1.72873
         465786.66    3763436.76        1.67044                    465473.67
3763269.09        1.48720
         465484.85    3763283.56        1.52663                    465494.05
3763298.02        1.56902
         465507.20    3763317.75        1.62901                    465513.78
3763331.56        1.67457
         465524.30    3763347.34        1.72620                    465534.82
3763363.77        1.78223
         465543.37    3763376.93        1.82791                    465553.23
3763391.39        1.88038
         465557.83    3763407.17        1.94819                    465570.33
3763422.95        2.00611
         465734.77    3763819.90        5.29666                    465803.72
3763759.50        3.70902
         465813.22    3763774.61        3.85555                    465815.89
3763795.75        4.15296
         465834.62    3763804.85        4.15797                    465852.68
3763808.30        4.07062
         465873.18    3763799.25        3.79000                    465894.89
3763786.89        3.49122
         465910.87    3763778.44        3.30055                    465859.91
3763750.10        3.26314
         465845.74    3763733.22        3.15755                    465835.19
3763717.54        3.05483
         465826.45    3763700.65        2.94176                    465814.08
3763685.27        2.86850
         465802.63    3763664.77        2.75817                    465792.98
3763652.71        2.71140
```

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CNGLIFT ***
                                 INCLUDING SOURCE(S):   L0000019   , L0000020
, L0000021   , L0000022   , L0000023   ,
                  L0000024   , L0000025   , L0000026   , L0000027   , L0000028
, L0000029   , L0000030   , L0000031   ,
                  L0000032   , L0000033   , L0000034   , L0000035   , L0000036
, L0000037   , L0000038   , L0000039   ,
                  L0000040   , L0000041   , L0000042   , L0000043   , L0000044
, L0000045   , L0000046   , . . .   ,

                                              *** 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
 -
- -
         465945.90   3763759.17   2.92820   465965.05
3763747.39   2.74483
         465977.82   3763739.53   2.63191   465994.51
3763729.22   2.49245
         466008.75   3763716.45   2.35777   466020.53
3763697.31   2.20069
         465881.58   3763738.06   3.02923   465897.30
3763730.20   2.88337
         465915.46   3763717.93   2.70106   465928.23
3763706.64   2.56288
         465940.99   3763691.91   2.41205   465948.85
3763672.76   2.26382
         465950.81   3763653.61   2.14859   465870.78
3763694.36   2.69664
         465855.07   3763687.49   2.70813   465843.78
3763669.32   2.61930
         465834.45   3763655.57   2.56107   465826.10
3763637.41   2.47496
         465820.21   3763611.38   2.34043   465802.54

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3763613.35        2.41555
         465777.99    3763570.14        2.26039                  465798.12
3763564.25        2.16523
         465819.72    3763561.80        2.08663                  465838.87
3763604.51        2.23713
         465876.67    3763602.06        2.10273                  465898.28
3763596.66        2.01395
         465887.97    3763627.10        2.19573                  465907.61
3763640.84        2.20907
         465911.04    3763659.99        2.30942                  465946.88
3763634.95        2.06028
         465942.96    3763617.28        1.98378                  465938.54
3763592.24        1.88309
         465917.92    3763594.69        1.94924                  465836.90
3763555.90        2.00902
         465857.03    3763550.99        1.93162                  465877.17
3763550.01        1.87405
         465896.80    3763543.63        1.79949                  465916.93
3763542.16        1.74448
         465933.63    3763538.23        1.69168                  465967.01
3763530.86        1.59529
         465977.82    3763550.50        1.63728                  465981.25
3763569.16        1.69409
         465985.67    3763587.33        1.75111                  465991.07
3763608.44        1.82429
         465995.98    3763624.15        1.88159                  466001.87
3763640.35        1.94361
         466001.38    3763662.45        2.05729                  466011.69
3763677.18        2.10986
         465782.90    3763526.94        2.02736                  465800.08
3763525.46        1.97483
         465828.07    3763519.57        1.87839                  465839.85
3763511.72        1.81854
         465869.31    3763507.79        1.73572                  465874.71
3763489.13        1.66034
         465926.75    3763511.22        1.61824                  465927.74
3763493.55        1.56100
         465442.39    3763223.49        1.36719                  465450.32
3763240.18        1.41194
         465464.51    3763253.96        1.44497                  464510.03
3763571.36        1.48018
         464487.21    3763576.49        1.43327                  464506.44
3763554.95        1.45562
         464493.11    3763544.44        1.41584                  464495.67
3763548.03        1.42502
         464471.92    3763602.84        1.41936                  465080.33
3762842.73        0.73477
         465092.34    3762854.19        0.74756                  465102.17
3762864.02        0.75893
         465114.18    3762873.84        0.77042                  465123.45
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3762883.12        0.78101
         465132.73    3762891.31        0.79087                            465143.10
3762900.04        0.80160
         465153.48    3762914.23        0.81873                            465160.57
3762921.88        0.82882
         465173.13    3762932.25        0.84251                            465184.04
3762943.16        0.85684
         465191.14    3762950.80        0.86741                            465204.24
3762960.63        0.88112
         465213.52    3762971.00        0.89579                            465077.60
3762811.62        0.70363
```


*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CNGLIFT ***
INCLUDING SOURCE(S):   L0000019   , L0000020   , L0000021   , L0000022   , L0000023   ,
L0000024   , L0000025   , L0000026   , L0000027   , L0000028   , L0000029   , L0000030   , L0000031   ,
L0000032   , L0000033   , L0000034   , L0000035   , L0000036   , L0000037   , L0000038   , L0000039   ,
L0000040   , L0000041   , L0000042   , L0000043   , L0000044   , L0000045   , L0000046   , . . .   ,

*** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         465090.16    3762794.70        0.68964                            465097.25
3762780.50        0.67775
         465107.63    3762766.86        0.66654                            465115.81
3762751.58        0.65416
         465126.73    3762734.11        0.64030                            465135.46
3762719.37        0.62894
         465144.74    3762701.36        0.61537                            465157.89
3762710.25        0.62228
         465149.18    3762726.68        0.63506                            465140.13
3762741.76        0.64698
```

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         465129.74    3762758.19        0.66035                    465121.69
3762770.26        0.67026
         465113.64    3762787.69        0.68515                    465102.58
3762801.43        0.69688
         465092.53    3762819.20        0.71230                    465104.93
3762826.57        0.72056
         465114.65    3762832.94        0.72741                    465144.48
3762853.39        0.75017
         465153.87    3762866.80        0.76494                    465163.59
3762873.17        0.77227
         465173.65    3762881.88        0.78250                    465187.39
3762894.29        0.79711
         465192.42    3762902.67        0.80711                    465203.82
3762913.39        0.82050
         465209.85    3762924.12        0.83385                    465223.60
3762934.85        0.84779
         465252.42    3762915.07        0.82366                    465264.16
3762904.68        0.81070
         465279.58    3762897.30        0.80123                    465288.63
3762891.27        0.79366
         465299.02    3762884.90        0.78561                    465313.43
3762874.84        0.77327
         465260.41    3762831.55        0.72985                    465279.90
3762818.56        0.71622
         465309.13    3762802.32        0.69918                    465332.79
3762790.26        0.68681
         465359.24    3762774.95        0.67112                    465390.79
3762709.99        0.61482
         465361.09    3762713.70        0.61944                    465186.17
3762739.22        0.64561
         465203.34    3762727.16        0.63572                    465215.87
3762719.73        0.62943
         465234.89    3762708.13        0.62001                    465248.35
3762704.42        0.61725
         465266.90    3762690.04        0.60613                    465278.97
3762684.93        0.60201
         465294.74    3762673.80        0.59332                    465305.88
3762669.62        0.58992
         465324.44    3762658.95        0.58154                    465335.57
3762651.99        0.57615
         465356.45    3762640.86        0.56740                    465364.80
3762651.53        0.57407
         465369.44    3762663.59        0.58209                    465408.42
3762642.71        0.56525
         465418.16    3762663.59        0.57877                    465548.54
3762581.47        0.51627
         465548.54    3762541.57        0.49437                    465576.84
3762516.05        0.47862
         465608.85    3762507.23        0.47126                    465626.48
3762496.56        0.46433
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         465648.75    3762483.11        0.45579                      465679.84
3762470.58        0.44697
         465697.47    3762453.88        0.43783                      465708.61
3762467.33        0.44258
         465720.21    3762501.67        0.45680                      465706.29
3762507.23        0.46101
         465680.77    3762512.34        0.46634                      465650.15
3762525.79        0.47623
         465621.84    3762530.43        0.48158                      465609.32
3762570.80        0.50417
         465597.72    3762593.07        0.51785                      465466.93
3762523.28        0.49094
         465495.51    3762752.32        0.63827                      465607.32
3762691.54        0.57809
         465638.88    3762732.83        0.60254                      465880.93
3761970.96        0.27791
         465899.06    3761961.89        0.27513                      465918.70
3761949.05        0.27146
         466021.46    3761887.85        0.25438                      466003.33
3761909.00        0.25928
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 359
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CNGLIFT  ***
                                  INCLUDING SOURCE(S):     L0000019    , L0000020
, L0000021    , L0000022    , L0000023    ,
                  L0000024    , L0000025    , L0000026    , L0000027    , L0000028
, L0000029    , L0000030    , L0000031    ,
                  L0000032    , L0000033    , L0000034    , L0000035    , L0000036
, L0000037    , L0000038    , L0000039    ,
                  L0000040    , L0000041    , L0000042    , L0000043    , L0000044
, L0000045    , L0000046    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         465948.93    3761935.45        0.26724                      465938.07
```

3762064.51 0.29476
465966.07 3762033.84 0.28644 466006.63
3762068.43 0.29099
465978.83 3762064.10 0.29196 466203.62
3761946.81 0.25487
466279.35 3761913.67 0.24456 466157.86
3761983.09 0.26404
466088.29 3761838.62 0.24338 466150.53
3761817.33 0.23679
466462.09 3761909.65 0.23122 466425.32
3761902.53 0.23271
466363.48 3761988.88 0.25021 466365.47
3762027.07 0.25636
466372.60 3762046.16 0.25909 466413.64
3762063.55 0.25903
466414.21 3762046.16 0.25601 466458.95
3762015.67 0.24774
466437.58 3761986.03 0.24467 466452.97
3761976.62 0.24210
466501.13 3762012.25 0.24394 466519.94
3762058.99 0.24967
466557.27 3762034.19 0.24303 466527.92
3761996.29 0.23951
466518.23 3762033.91 0.24597 466547.01
3762016.52 0.24118
466361.23 3761910.97 0.23846 466392.75
3761859.34 0.22919
466437.01 3761856.66 0.22592 466667.45
3761397.88 0.16533
466654.92 3761408.56 0.16672 466620.57
3761311.09 0.15998
466644.70 3761353.33 0.16252 467171.74
3761628.78 0.15984
467160.82 3761592.16 0.15709 467178.81
3761577.39 0.15458
467217.35 3761552.33 0.14956 467195.67
3761726.98 0.16590
467217.02 3761765.04 0.16798 467244.41
3761802.18 0.16934
466609.01 3760870.30 0.12455 466590.45
3760838.62 0.11971
466550.04 3760856.64 0.12268 466511.26
3760738.68 0.11471
466516.72 3760721.21 0.11320 466484.50
3760653.49 0.10444
466405.86 3760662.23 0.11087 466418.42
3760685.17 0.11182
466436.99 3760693.90 0.11197 466469.21
3760637.11 0.10198
466422.25 3760602.16 0.10535 466442.45

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3760585.77        0.10341
         466331.59    3760843.54        0.13195                        466230.02
3760624.00        0.12086
         466169.95    3760518.60        0.11613                        466228.38
3760625.64        0.12100
         466519.10    3761138.93        0.14934                        466541.38
3761178.39        0.15167
         466448.07    3761006.15        0.13997                        466426.71
3760962.05        0.13590
         466082.34    3759528.59        0.07431                        466025.48
3759415.59        0.07563
         464938.75    3759307.56        0.07753                        464884.77
3759310.77        0.07756
         464807.00    3759384.68        0.07925                        465649.97
3758786.54        0.04984
         465761.16    3758976.01        0.05898                        465106.46
3758565.04        0.06099
         465110.02    3758591.73        0.06146                        465314.61
3758492.99        0.05029
         465402.68    3758645.10        0.05213                        465036.18
3758154.96        0.04144
         465050.42    3758090.91        0.03727                        465045.97
3758063.34        0.03555
         464984.59    3758199.44        0.04672                        464928.55
3758219.90        0.05139
         465206.98    3757892.54        0.03538                        465151.83
3757604.33        0.03053
         465117.13    3757566.08        0.03166                        465094.89
3757499.37        0.03119
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 360
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CNGLIFT  ***
                                 INCLUDING SOURCE(S):     L0000019    , L0000020
, L0000021    , L0000022    , L0000023    ,
                  L0000024    , L0000025    , L0000026    , L0000027    , L0000028
, L0000029    , L0000030    , L0000031    ,
                  L0000032    , L0000033    , L0000034    , L0000035    , L0000036
, L0000037    , L0000038    , L0000039    ,
                  L0000040    , L0000041    , L0000042    , L0000043    , L0000044
, L0000045    , L0000046    ,  . . .      ,

                                                *** 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
465051.31	3757417.53	0.03253	464972.14	3757605.22	0.02827
464940.11	3757550.07	0.02969	464916.10	3757510.93	0.03107
464894.75	3757478.91	0.03209	464699.94	3757333.02	0.04295
464481.11	3757131.09	0.04199	464361.91	3756866.90	0.03949
464281.85	3756591.14	0.03717	464235.59	3756543.11	0.03677
464253.39	3756616.05	0.03736	464677.39	3755989.20	0.02505
464700.79	3756069.23	0.02626	464752.50	3756072.92	0.02627
464726.64	3756045.84	0.02570	464726.64	3755885.78	0.02306
464709.41	3755930.10	0.02376	464770.97	3755917.79	0.02320
464799.28	3755932.57	0.02318	464903.94	3755872.24	0.02165
464855.92	3755837.76	0.02139	464357.52	3756197.03	0.03344
463971.35	3755883.07	0.02922	463777.74	3756154.12	0.03375
463401.30	3755910.15	0.03174	463310.23	3755300.27	0.02559
463828.59	3755755.84	0.02821	461422.35	3754393.19	0.02334
461581.60	3754502.61	0.02385	461732.84	3754617.38	0.02441
463584.74	3773404.24	0.01217	463565.61	3773428.58	0.01214
463452.60	3772407.95	0.01520	463381.18	3772107.58	0.01616
463456.01	3771996.49	0.01665	463382.72	3771899.28	0.01697
463391.98	3771839.87	0.01719	463450.61	3771836.01	0.01731
463449.07	3771509.67	0.01867	463128.13	3771147.07	0.02082
463081.29	3771178.48	0.02072	463387.17	3770930.69	0.02184

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         463393.52    3770784.56        0.02285                       464272.60
3770316.61        0.02589
         464292.70    3770216.83        0.02672                       464857.42
3770180.33        0.02438
         464911.10    3770169.59        0.02437                       472010.14
3773350.14        0.01150
         472017.02    3773222.10        0.01175                       472090.00
3771728.63        0.01535
         472065.13    3771814.18        0.01520                       472215.84
3771412.29        0.01567
         472243.69    3771355.59        0.01573                       472254.14
3771342.16        0.01574
         469633.06    3764556.22        0.22037                       469567.11
3764486.31        0.24522
         469724.07    3764529.84        0.22293                       468422.23
3764520.61        0.30887
         468748.02    3764105.13        0.46534                       468964.34
3764293.74        0.36780
         468800.09    3764957.17        0.16172                       469497.47
3764314.56        0.30551
         468138.32    3763601.28        0.53856                       468310.81
3763707.06        0.55765
         471167.46    3765485.21        0.06003                       471211.21
3765490.07        0.05892
         471132.46    3765415.22        0.06300                       471094.55
3765508.54        0.06004
         471117.88    3765508.54        0.05983                       471262.76
3766806.52        0.03345
         471323.17    3766798.09        0.03312                       471338.62
3766865.52        0.03258
         471411.67    3766831.80        0.03162                       471460.13
3766840.94        0.03126
         471453.11    3766880.27        0.03133                       471524.05
3766845.15        0.03090
         471542.31    3766851.47        0.03076                       473015.63
3767913.38        0.02370
         473085.40    3768000.30        0.02326                       473037.37
3768050.63        0.02327
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                   PAGE 361
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CNGLIFT  ***
                                   INCLUDING SOURCE(S):     L0000019    , L0000020
, L0000021    , L0000022    , L0000023    ,
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                 L0000024    , L0000025    , L0000026    , L0000027    , L0000028
, L0000029    , L0000030    , L0000031    ,
                 L0000032    , L0000033    , L0000034    , L0000035    , L0000036
, L0000037    , L0000038    , L0000039    ,
                 L0000040    , L0000041    , L0000042    , L0000043    , L0000044
, L0000045    , L0000046    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        0.02344                       472579.11
3768572.78        0.02316
         468876.69    3760856.73        0.05927                       468877.41
3760872.49        0.05962
         468836.56    3760820.18        0.05912                       468916.10
3760787.22        0.05748
         467288.87    3772358.98        0.01363                       467212.83
3772366.58        0.01353
         466930.26    3771522.88        0.01641                       467229.10
3771542.73        0.01664
         467954.03    3771528.72        0.01676                       467908.50
3771580.08        0.01672
         466335.05    3772522.99        0.01381                       474189.68
3773011.06        0.01108
         468146.89    3760234.01        0.04591                       468083.74
3760112.97        0.04384
         467468.53    3758412.46        0.02761                       470144.04
3757934.27        0.01368
         468846.85    3759822.78        0.03567                       471818.84
3757032.99        0.01019
         473670.24    3755859.61        0.00822                       473859.09
3756296.15        0.00863
         475261.57    3755676.95        0.00730                       474899.34
3755738.87        0.00755
         474763.12    3755779.12        0.00765

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 362
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

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

INCLUDING SOURCE(S): L0000196 , L0000197 , L0000198 , L0000199 , L0000200 , L0000201 , L0000202 , L0000203 , L0000204 , L0000205 , L0000206 , L0000207 , L0000208 , L0000209 , L0000210 , L0000211 , L0000212 , L0000213 , L0000214 , L0000215 , L0000216 , L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , . . . ,

*** 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
465370.10	3764407.54	3.65646	465383.87	3764412.76	3.60152
465401.45	3764436.51	3.28456	465402.58	3764410.16	3.69184
465401.09	3764424.54	3.45530	465707.10	3763626.13	2.94419
465720.25	3763639.94	3.00071	465732.08	3763652.44	3.05105
465743.26	3763670.85	3.16213	465752.47	3763683.34	3.23273
465762.99	3763695.83	3.29953	465771.53	3763711.61	3.42235
465789.95	3763743.18	3.68003	465649.89	3763549.86	2.57828
465642.00	3763538.68	2.52521	465628.85	3763513.69	2.39695
465621.61	3763502.52	2.34429	465609.78	3763485.42	2.26924
465599.26	3763471.61	2.21141	465582.82	3763441.36	2.07604
465676.19	3763559.06	2.55618	465700.52	3763547.89	2.40431
465718.93	3763545.91	2.33672	465723.53	3763582.74	2.55719
465734.05	3763574.19	2.46398	465757.73	3763572.22	2.37114
465759.04	3763535.39	2.15948	465743.26	3763540.00	2.22987

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         465764.96    3763482.79        1.89976                    465745.89
3763484.76        1.95162
         465717.62    3763493.31        2.05582                    465704.46
3763496.60        2.10319
         465680.79    3763503.17        2.19554                    465672.25
3763478.84        2.09013
         465663.04    3763463.06        2.03215                    465651.20
3763445.97        1.97445
         465636.08    3763428.21        1.91968                    465652.52
3763417.04        1.84615
         465670.93    3763405.86        1.77352                    465699.20
3763447.28        1.89552
         465707.75    3763468.98        1.97048                    465690.66
3763401.91        1.72841
         465707.75    3763424.93        1.78834                    465730.11
3763417.69        1.72027
         465711.70    3763390.08        1.65149                    465730.11
3763375.61        1.57442
         465748.52    3763405.86        1.64699                    465759.70
3763392.05        1.58254
         465759.04    3763453.86        1.79979                    465772.19
3763445.31        1.74204
         465786.66    3763436.76        1.68389                    465473.67
3763269.09        1.47930
         465484.85    3763283.56        1.51887                    465494.05
3763298.02        1.56134
         465507.20    3763317.75        1.62153                    465513.78
3763331.56        1.66714
         465524.30    3763347.34        1.71907                    465534.82
3763363.77        1.77548
         465543.37    3763376.93        1.82159                    465553.23
3763391.39        1.87461
         465557.83    3763407.17        1.94260                    465570.33
3763422.95        2.00160
         465734.77    3763819.90        5.42763                    465803.72
3763759.50        3.80578
         465813.22    3763774.61        3.95407                    465815.89
3763795.75        4.25369
         465834.62    3763804.85        4.25281                    465852.68
3763808.30        4.15895
         465873.18    3763799.25        3.87235                    465894.89
3763786.89        3.56821
         465910.87    3763778.44        3.37392                    465859.91
3763750.10        3.34752
         465845.74    3763733.22        3.24088                    465835.19
3763717.54        3.13505
         465826.45    3763700.65        3.01708                    465814.08
3763685.27        2.93863
         465802.63    3763664.77        2.82055                    465792.98
3763652.71        2.76892
```

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLEXC   ***
                                 INCLUDING SOURCE(S):   L0000196   , L0000197
, L0000198   , L0000199   , L0000200   ,
                  L0000201   , L0000202   , L0000203   , L0000204   , L0000205
, L0000206   , L0000207   , L0000208   ,
                  L0000209   , L0000210   , L0000211   , L0000212   , L0000213
, L0000214   , L0000215   , L0000216   ,
                  L0000217   , L0000218   , L0000219   , L0000220   , L0000221
, L0000222   , L0000223   , . . .   ,

                                          *** 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
 -
- -
         465945.90   3763759.17   2.99461   465965.05
3763747.39   2.80797
         465977.82   3763739.53   2.69300   465994.51
3763729.22   2.55100
         466008.75   3763716.45   2.41438   466020.53
3763697.31   2.25566
         465881.58   3763738.06   3.10797   465897.30
3763730.20   2.95847
         465915.46   3763717.93   2.77188   465928.23
3763706.64   2.63053
         465940.99   3763691.91   2.47623   465948.85
3763672.76   2.32435
         465950.81   3763653.61   2.20568   465870.78
3763694.36   2.76761
         465855.07   3763687.49   2.77808   465843.78
3763669.32   2.68394
         465834.45   3763655.57   2.62123   465826.10
3763637.41   2.52907
         465820.21   3763611.38   2.38644   465802.54

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3763613.35        2.46093
         465777.99    3763570.14        2.29249                    465798.12
3763564.25        2.19777
         465819.72    3763561.80        2.12028                    465838.87
3763604.51        2.28232
         465876.67    3763602.06        2.14886                    465898.28
3763596.66        2.05936
         465887.97    3763627.10        2.24841                    465907.61
3763640.84        2.26505
         465911.04    3763659.99        2.36979                    465946.88
3763634.95        2.11397
         465942.96    3763617.28        2.03396                    465938.54
3763592.24        1.92810
         465917.92    3763594.69        1.99457                    465836.90
3763555.90        2.04257
         465857.03    3763550.99        1.96535                    465877.17
3763550.01        1.90861
         465896.80    3763543.63        1.83368                    465916.93
3763542.16        1.77916
         465933.63    3763538.23        1.72618                    465967.01
3763530.86        1.62937
         465977.82    3763550.50        1.67482                    465981.25
3763569.16        1.73489
         465985.67    3763587.33        1.79509                    465991.07
3763608.44        1.87181
         465995.98    3763624.15        1.93151                    466001.87
3763640.35        1.99562
         466001.38    3763662.45        2.11208                    466011.69
3763677.18        2.16500
         465782.90    3763526.94        2.05164                    465800.08
3763525.46        2.00017
         465828.07    3763519.57        1.90466                    465839.85
3763511.72        1.84428
         465869.31    3763507.79        1.76245                    465874.71
3763489.13        1.68459
         465926.75    3763511.22        1.64800                    465927.74
3763493.55        1.58814
         465442.39    3763223.49        1.35930                    465450.32
3763240.18        1.40385
         465464.51    3763253.96        1.43711                    464510.03
3763571.36        1.42506
         464487.21    3763576.49        1.38120                    464506.44
3763554.95        1.40160
         464493.11    3763544.44        1.36400                    464495.67
3763548.03        1.37270
         464471.92    3763602.84        1.36909                    465080.33
3762842.73        0.72990
         465092.34    3762854.19        0.74254                    465102.17
3762864.02        0.75377
         465114.18    3762873.84        0.76514                    465123.45
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3762883.12        0.77562
         465132.73    3762891.31        0.78539                       465143.10
3762900.04        0.79602
         465153.48    3762914.23        0.81297                       465160.57
3762921.88        0.82296
         465173.13    3762932.25        0.83653                       465184.04
3762943.16        0.85073
         465191.14    3762950.80        0.86120                       465204.24
3762960.63        0.87483
         465213.52    3762971.00        0.88937                       465077.60
3762811.62        0.69914

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLEXC   ***
                              INCLUDING SOURCE(S):     L0000196    , L0000197
, L0000198    , L0000199    , L0000200    ,
                 L0000201    , L0000202    , L0000203    , L0000204    , L0000205
, L0000206    , L0000207    , L0000208    ,
                 L0000209    , L0000210    , L0000211    , L0000212    , L0000213
, L0000214    , L0000215    , L0000216    ,
                 L0000217    , L0000218    , L0000219    , L0000220    , L0000221
, L0000222    , L0000223    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         465090.16    3762794.70        0.68532                       465097.25
3762780.50        0.67357
         465107.63    3762766.86        0.66251                       465115.81
3762751.58        0.65029
         465126.73    3762734.11        0.63663                       465135.46
3762719.37        0.62543
         465144.74    3762701.36        0.61205                       465157.89
3762710.25        0.61894
         465149.18    3762726.68        0.63154                       465140.13
3762741.76        0.64329
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         465129.74    3762758.19        0.65646                    465121.69
3762770.26        0.66623
         465113.64    3762787.69        0.68092                    465102.58
3762801.43        0.69249
         465092.53    3762819.20        0.70772                    465104.93
3762826.57        0.71590
         465114.65    3762832.94        0.72269                    465144.48
3762853.39        0.74527
         465153.87    3762866.80        0.75988                    465163.59
3762873.17        0.76717
         465173.65    3762881.88        0.77733                    465187.39
3762894.29        0.79183
         465192.42    3762902.67        0.80173                    465203.82
3762913.39        0.81502
         465209.85    3762924.12        0.82825                    465223.60
3762934.85        0.84211
         465252.42    3762915.07        0.81855                    465264.16
3762904.68        0.80587
         465279.58    3762897.30        0.79666                    465288.63
3762891.27        0.78927
         465299.02    3762884.90        0.78142                    465313.43
3762874.84        0.76935
         465260.41    3762831.55        0.72594                    465279.90
3762818.56        0.71260
         465309.13    3762802.32        0.69598                    465332.79
3762790.26        0.68390
         465359.24    3762774.95        0.66854                    465390.79
3762709.99        0.61288
         465361.09    3762713.70        0.61729                    465186.17
3762739.22        0.64215
         465203.34    3762727.16        0.63247                    465215.87
3762719.73        0.62632
         465234.89    3762708.13        0.61711                    465248.35
3762704.42        0.61444
         465266.90    3762690.04        0.60353                    465278.97
3762684.93        0.59952
         465294.74    3762673.80        0.59099                    465305.88
3762669.62        0.58768
         465324.44    3762658.95        0.57947                    465335.57
3762651.99        0.57417
         465356.45    3762640.86        0.56559                    465364.80
3762651.53        0.57226
         465369.44    3762663.59        0.58026                    465408.42
3762642.71        0.56372
         465418.16    3762663.59        0.57721                    465548.54
3762581.47        0.51557
         465548.54    3762541.57        0.49372                    465576.84
3762516.05        0.47812
         465608.85    3762507.23        0.47088                    465626.48
3762496.56        0.46402
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         465648.75    3762483.11        0.45557                       465679.84
3762470.58        0.44686
         465697.47    3762453.88        0.43778                       465708.61
3762467.33        0.44256
         465720.21    3762501.67        0.45680                       465706.29
3762507.23        0.46096
         465680.77    3762512.34        0.46621                       465650.15
3762525.79        0.47599
         465621.84    3762530.43        0.48123                       465609.32
3762570.80        0.50373
         465597.72    3762593.07        0.51734                       465466.93
3762523.28        0.49002
         465495.51    3762752.32        0.63682                       465607.32
3762691.54        0.57750
         465638.88    3762732.83        0.60207                       465880.93
3761970.96        0.27817
         465899.06    3761961.89        0.27540                       465918.70
3761949.05        0.27174
         466021.46    3761887.85        0.25474                       466003.33
3761909.00        0.25962
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 365
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLEXC   ***
                                  INCLUDING SOURCE(S):     L0000196    , L0000197
, L0000198    , L0000199    , L0000200    ,
                  L0000201    , L0000202    , L0000203    , L0000204    , L0000205
, L0000206    , L0000207    , L0000208    ,
                  L0000209    , L0000210    , L0000211    , L0000212    , L0000213
, L0000214    , L0000215    , L0000216    ,
                  L0000217    , L0000218    , L0000219    , L0000220    , L0000221
, L0000222    , L0000223    ,  . . .      ,

                                     *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
         465948.93    3761935.45        0.26755                       465938.07
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3762064.51 0.29509
465966.07 3762033.84 0.28679 466006.63
3762068.43 0.29139
465978.83 3762064.10 0.29233 466203.62
3761946.81 0.25536
466279.35 3761913.67 0.24508 466157.86
3761983.09 0.26452
466088.29 3761838.62 0.24374 466150.53
3761817.33 0.23718
466462.09 3761909.65 0.23190 466425.32
3761902.53 0.23335
466363.48 3761988.88 0.25088 466365.47
3762027.07 0.25708
466372.60 3762046.16 0.25983 466413.64
3762063.55 0.25983
466414.21 3762046.16 0.25679 466458.95
3762015.67 0.24852
466437.58 3761986.03 0.24540 466452.97
3761976.62 0.24283
466501.13 3762012.25 0.24476 466519.94
3762058.99 0.25056
466557.27 3762034.19 0.24391 466527.92
3761996.29 0.24032
466518.23 3762033.91 0.24682 466547.01
3762016.52 0.24202
466361.23 3761910.97 0.23905 466392.75
3761859.34 0.22976
466437.01 3761856.66 0.22653 466667.45
3761397.88 0.16288
466654.92 3761408.56 0.16428 466620.57
3761311.09 0.15790
466644.70 3761353.33 0.16012 467171.74
3761628.78 0.15527
467160.82 3761592.16 0.15204 467178.81
3761577.39 0.14884
467217.35 3761552.33 0.14315 467195.67
3761726.98 0.16094
467217.02 3761765.04 0.16467 467244.41
3761802.18 0.16674
466609.01 3760870.30 0.11642 466590.45
3760838.62 0.11195
466550.04 3760856.64 0.11427 466511.26
3760738.68 0.10609
466516.72 3760721.21 0.10511 466484.50
3760653.49 0.09593
466405.86 3760662.23 0.10218 466418.42
3760685.17 0.10307
466436.99 3760693.90 0.10323 466469.21
3760637.11 0.09367
466422.25 3760602.16 0.09669 466442.45

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3760585.77        0.09512
         466331.59    3760843.54        0.12540                       466230.02
3760624.00        0.11485
         466169.95    3760518.60        0.11039                       466228.38
3760625.64        0.11502
         466519.10    3761138.93        0.14516                       466541.38
3761178.39        0.14813
         466448.07    3761006.15        0.13255                       466426.71
3760962.05        0.12867
         466082.34    3759528.59        0.06883                       466025.48
3759415.59        0.07142
         464938.75    3759307.56        0.07781                       464884.77
3759310.77        0.07785
         464807.00    3759384.68        0.07951                       465649.97
3758786.54        0.04584
         465761.16    3758976.01        0.05408                       465106.46
3758565.04        0.06132
         465110.02    3758591.73        0.06179                       465314.61
3758492.99        0.04644
         465402.68    3758645.10        0.04790                       465036.18
3758154.96        0.03838
         465050.42    3758090.91        0.03498                       465045.97
3758063.34        0.03356
         464984.59    3758199.44        0.04315                       464928.55
3758219.90        0.04795
         465206.98    3757892.54        0.03318                       465151.83
3757604.33        0.02897
         465117.13    3757566.08        0.02986                       465094.89
3757499.37        0.02941
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 366
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLEXC   ***
                                  INCLUDING SOURCE(S):     L0000196    , L0000197
, L0000198    , L0000199    , L0000200    ,
                  L0000201    , L0000202    , L0000203    , L0000204    , L0000205
, L0000206    , L0000207    , L0000208    ,
                  L0000209    , L0000210    , L0000211    , L0000212    , L0000213
, L0000214    , L0000215    , L0000216    ,
                  L0000217    , L0000218    , L0000219    , L0000220    , L0000221
, L0000222    , L0000223    ,  . . .      ,

                                                 *** 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
465051.31	3757417.53	0.03040	464972.14	3757605.22	0.02713
464940.11	3757550.07	0.02827	464916.10	3757510.93	0.02936
464894.75	3757478.91	0.03015	464699.94	3757333.02	0.04109
464481.11	3757131.09	0.04239	464361.91	3756866.90	0.03989
464281.85	3756591.14	0.03739	464235.59	3756543.11	0.03700
464253.39	3756616.05	0.03776	464677.39	3755989.20	0.02334
464700.79	3756069.23	0.02437	464752.50	3756072.92	0.02437
464726.64	3756045.84	0.02390	464726.64	3755885.78	0.02169
464709.41	3755930.10	0.02228	464770.97	3755917.79	0.02182
464799.28	3755932.57	0.02181	464903.94	3755872.24	0.02054
464855.92	3755837.76	0.02031	464357.52	3756197.03	0.03205
463971.35	3755883.07	0.02736	463777.74	3756154.12	0.03385
463401.30	3755910.15	0.03090	463310.23	3755300.27	0.02399
463828.59	3755755.84	0.02628	461422.35	3754393.19	0.02359
461581.60	3754502.61	0.02410	461732.84	3754617.38	0.02466
463584.74	3773404.24	0.01200	463565.61	3773428.58	0.01197
463452.60	3772407.95	0.01499	463381.18	3772107.58	0.01598
463456.01	3771996.49	0.01645	463382.72	3771899.28	0.01681
463391.98	3771839.87	0.01702	463450.61	3771836.01	0.01712
463449.07	3771509.67	0.01850	463128.13	3771147.07	0.02067
463081.29	3771178.48	0.02056	463387.17	3770930.69	0.02170

```
         463393.52    3770784.56        0.02270                        464272.60
3770316.61        0.02552
         464292.70    3770216.83        0.02633                        464857.42
3770180.33        0.02423
         464911.10    3770169.59        0.02420                        472010.14
3773350.14        0.01145
         472017.02    3773222.10        0.01170                        472090.00
3771728.63        0.01517
         472065.13    3771814.18        0.01502                        472215.84
3771412.29        0.01551
         472243.69    3771355.59        0.01558                        472254.14
3771342.16        0.01559
         469633.06    3764556.22        0.22490                        469567.11
3764486.31        0.24905
         469724.07    3764529.84        0.22679                        468422.23
3764520.61        0.32592
         468748.02    3764105.13        0.46908                        468964.34
3764293.74        0.37273
         468800.09    3764957.17        0.16708                        469497.47
3764314.56        0.30685
         468138.32    3763601.28        0.55950                        468310.81
3763707.06        0.56973
         471167.46    3765485.21        0.06053                        471211.21
3765490.07        0.05939
         471132.46    3765415.22        0.06366                        471094.55
3765508.54        0.06049
         471117.88    3765508.54        0.06028                        471262.76
3766806.52        0.03322
         471323.17    3766798.09        0.03290                        471338.62
3766865.52        0.03233
         471411.67    3766831.80        0.03141                        471460.13
3766840.94        0.03105
         471453.11    3766880.27        0.03110                        471524.05
3766845.15        0.03071
         471542.31    3766851.47        0.03057                        473015.63
3767913.38        0.02357
         473085.40    3768000.30        0.02313                        473037.37
3768050.63        0.02314
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 367
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLEXC   ***
                                 INCLUDING SOURCE(S):     L0000196    , L0000197
, L0000198    , L0000199    , L0000200    ,
```

```
                 L0000201    , L0000202    , L0000203    , L0000204    , L0000205
, L0000206    , L0000207    , L0000208    ,
                 L0000209    , L0000210    , L0000211    , L0000212    , L0000213
, L0000214    , L0000215    , L0000216    ,
                 L0000217    , L0000218    , L0000219    , L0000220    , L0000221
, L0000222    , L0000223    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        0.02326                       472579.11
3768572.78        0.02298
         468876.69    3760856.73        0.05840                       468877.41
3760872.49        0.05877
         468836.56    3760820.18        0.05817                       468916.10
3760787.22        0.05660
         467288.87    3772358.98        0.01349                       467212.83
3772366.58        0.01340
         466930.26    3771522.88        0.01624                       467229.10
3771542.73        0.01641
         467954.03    3771528.72        0.01663                       467908.50
3771580.08        0.01657
         466335.05    3772522.99        0.01368                       474189.68
3773011.06        0.01101
         468146.89    3760234.01        0.04506                       468083.74
3760112.97        0.04297
         467468.53    3758412.46        0.02690                       470144.04
3757934.27        0.01363
         468846.85    3759822.78        0.03516                       471818.84
3757032.99        0.01008
         473670.24    3755859.61        0.00815                       473859.09
3756296.15        0.00857
         475261.57    3755676.95        0.00730                       474899.34
3755738.87        0.00753
         474763.12    3755779.12        0.00763

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 368
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: DSLLIFT ***

INCLUDING SOURCE(S): L0000100 , L0000101 , L0000102 , L0000103 , L0000104 , L0000105 , L0000106 , L0000107 , L0000108 , L0000109 , L0000110 , L0000111 , L0000112 , L0000113 , L0000114 , L0000115 , L0000116 , L0000117 , L0000118 , L0000119 , L0000120 , L0000121 , L0000122 , L0000123 , L0000124 , L0000125 , L0000126 , L0000127 , . . . ,

*** 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
465370.10	3764407.54	3.78539	465383.87	3764412.76	3.73368
465401.45	3764436.51	3.40938	465402.58	3764410.16	3.83630
465401.09	3764424.54	3.58776	465707.10	3763626.13	2.95587
465720.25	3763639.94	3.00803	465732.08	3763652.44	3.05383
465743.26	3763670.85	3.15890	465752.47	3763683.34	3.22448
465762.99	3763695.83	3.28568	465771.53	3763711.61	3.40244
465789.95	3763743.18	3.65027	465649.89	3763549.86	2.59932
465642.00	3763538.68	2.54648	465628.85	3763513.69	2.41774
465621.61	3763502.52	2.36489	465609.78	3763485.42	2.28941
465599.26	3763471.61	2.23120	465582.82	3763441.36	2.09440
465676.19	3763559.06	2.57394	465700.52	3763547.89	2.41831
465718.93	3763545.91	2.34816	465723.53	3763582.74	2.56712
465734.05	3763574.19	2.47244	465757.73	3763572.22	2.37592
465759.04	3763535.39	2.16599	465743.26	3763540.00	2.23821

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         465764.96    3763482.79        1.90673                    465745.89
3763484.76        1.96025
         465717.62    3763493.31        2.06711                    465704.46
3763496.60        2.11580
         465680.79    3763503.17        2.21066                    465672.25
3763478.84        2.10491
         465663.04    3763463.06        2.04687                    465651.20
3763445.97        1.98909
         465636.08    3763428.21        1.93426                    465652.52
3763417.04        1.85922
         465670.93    3763405.86        1.78510                    465699.20
3763447.28        1.90686
         465707.75    3763468.98        1.98191                    465690.66
3763401.91        1.73883
         465707.75    3763424.93        1.79851                    465730.11
3763417.69        1.72904
         465711.70    3763390.08        1.66063                    465730.11
3763375.61        1.58246
         465748.52    3763405.86        1.65460                    465759.70
3763392.05        1.58947
         465759.04    3763453.86        1.80720                    465772.19
3763445.31        1.74852
         465786.66    3763436.76        1.68947                    465473.67
3763269.09        1.49038
         465484.85    3763283.56        1.53045                    465494.05
3763298.02        1.57345
         465507.20    3763317.75        1.63439                    465513.78
3763331.56        1.68061
         465524.30    3763347.34        1.73319                    465534.82
3763363.77        1.79032
         465543.37    3763376.93        1.83701                    465553.23
3763391.39        1.89064
         465557.83    3763407.17        1.95956                    465570.33
3763422.95        2.01918
         465734.77    3763819.90        5.41723                    465803.72
3763759.50        3.77291
         465813.22    3763774.61        3.92143                    465815.89
3763795.75        4.22654
         465834.62    3763804.85        4.23090                    465852.68
3763808.30        4.14123
         465873.18    3763799.25        3.85231                    465894.89
3763786.89        3.54507
         465910.87    3763778.44        3.34938                    465859.91
3763750.10        3.31258
         465845.74    3763733.22        3.20632                    465835.19
3763717.54        3.10301
         465826.45    3763700.65        2.98904                    465814.08
3763685.27        2.91576
         465802.63    3763664.77        2.80426                    465792.98
3763652.71        2.75704
```

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLLIFT ***
                                  INCLUDING SOURCE(S):   L0000100   , L0000101
, L0000102   , L0000103   , L0000104   ,
                  L0000105   , L0000106   , L0000107   , L0000108   , L0000109
, L0000110   , L0000111   , L0000112   ,
                  L0000113   , L0000114   , L0000115   , L0000116   , L0000117
, L0000118   , L0000119   , L0000120   ,
                  L0000121   , L0000122   , L0000123   , L0000124   , L0000125
, L0000126   , L0000127   , . . .   ,

                                     *** 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
 -
- -
         465945.90   3763759.17   2.96787   465965.05
3763747.39   2.77997
         465977.82   3763739.53   2.66442   465994.51
3763729.22   2.52207
         466008.75   3763716.45   2.38456   466020.53
3763697.31   2.22477
         465881.58   3763738.06   3.07273   465897.30
3763730.20   2.92328
         465915.46   3763717.93   2.73694   465928.23
3763706.64   2.59600
         465940.99   3763691.91   2.44243   465948.85
3763672.76   2.29191
         465950.81   3763653.61   2.17518   465870.78
3763694.36   2.73556
         465855.07   3763687.49   2.74866   465843.78
3763669.32   2.65946
         465834.45   3763655.57   2.60094   465826.10
3763637.41   2.51372
         465820.21   3763611.38   2.37665   465802.54

3763613.35 2.45387
465777.99 3763570.14 2.29431 465798.12
3763564.25 2.19716
465819.72 3763561.80 2.11700 465838.87
3763604.51 2.27082
465876.67 3763602.06 2.13283 465898.28
3763596.66 2.04178
465887.97 3763627.10 2.22670 465907.61
3763640.84 2.23898
465911.04 3763659.99 2.34029 465946.88
3763634.95 2.08627
465942.96 3763617.28 2.00928 465938.54
3763592.24 1.90775
465917.92 3763594.69 1.97549 465836.90
3763555.90 2.03776
465857.03 3763550.99 1.95873 465877.17
3763550.01 1.89992
465896.80 3763543.63 1.82381 465916.93
3763542.16 1.76768
465933.63 3763538.23 1.71381 465967.01
3763530.86 1.61543
465977.82 3763550.50 1.65758 465981.25
3763569.16 1.71491
465985.67 3763587.33 1.77235 465991.07
3763608.44 1.84587
465995.98 3763624.15 1.90337 466001.87
3763640.35 1.96552
466001.38 3763662.45 2.08021 466011.69
3763677.18 2.13293
465782.90 3763526.94 2.05568 465800.08
3763525.46 2.00232
465828.07 3763519.57 1.90415 465839.85
3763511.72 1.84313
465869.31 3763507.79 1.75879 465874.71
3763489.13 1.68190
465926.75 3763511.22 1.63926 465927.74
3763493.55 1.58111
465442.39 3763223.49 1.36895 465450.32
3763240.18 1.41403
465464.51 3763253.96 1.44769 464510.03
3763571.36 1.45528
464487.21 3763576.49 1.40943 464506.44
3763554.95 1.43162
464493.11 3763544.44 1.39302 464495.67
3763548.03 1.40190
464471.92 3763602.84 1.39549 465080.33
3762842.73 0.73254
465092.34 3762854.19 0.74533 465102.17
3762864.02 0.75668
465114.18 3762873.84 0.76819 465123.45

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3762883.12        0.77881
         465132.73    3762891.31        0.78869                       465143.10
3762900.04        0.79945
         465153.48    3762914.23        0.81659                       465160.57
3762921.88        0.82667
         465173.13    3762932.25        0.84040                       465184.04
3762943.16        0.85477
         465191.14    3762950.80        0.86534                       465204.24
3762960.63        0.87912
         465213.52    3762971.00        0.89382                       465077.60
3762811.62        0.70161
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 370
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLLIFT  ***
                                  INCLUDING SOURCE(S):     L0000100    , L0000101
, L0000102    , L0000103    , L0000104    ,
                  L0000105    , L0000106    , L0000107    , L0000108    , L0000109
, L0000110    , L0000111    , L0000112    ,
                  L0000113    , L0000114    , L0000115    , L0000116    , L0000117
, L0000118    , L0000119    , L0000120    ,
                  L0000121    , L0000122    , L0000123    , L0000124    , L0000125
, L0000126    , L0000127    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         465090.16    3762794.70        0.68775                       465097.25
3762780.50        0.67595
         465107.63    3762766.86        0.66485                       465115.81
3762751.58        0.65256
         465126.73    3762734.11        0.63883                       465135.46
3762719.37        0.62756
         465144.74    3762701.36        0.61410                       465157.89
3762710.25        0.62106
         465149.18    3762726.68        0.63373                       465140.13
3762741.76        0.64556
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         465129.74    3762758.19        0.65881                    465121.69
3762770.26        0.66863
         465113.64    3762787.69        0.68340                    465102.58
3762801.43        0.69500
         465092.53    3762819.20        0.71031                    465104.93
3762826.57        0.71859
         465114.65    3762832.94        0.72547                    465144.48
3762853.39        0.74831
         465153.87    3762866.80        0.76307                    465163.59
3762873.17        0.77045
         465173.65    3762881.88        0.78070                    465187.39
3762894.29        0.79536
         465192.42    3762902.67        0.80535                    465203.82
3762913.39        0.81877
         465209.85    3762924.12        0.83212                    465223.60
3762934.85        0.84612
         465252.42    3762915.07        0.82231                    465264.16
3762904.68        0.80951
         465279.58    3762897.30        0.80021                    465288.63
3762891.27        0.79275
         465299.02    3762884.90        0.78482                    465313.43
3762874.84        0.77263
         465260.41    3762831.55        0.72889                    465279.90
3762818.56        0.71543
         465309.13    3762802.32        0.69863                    465332.79
3762790.26        0.68642
         465359.24    3762774.95        0.67091                    465390.79
3762709.99        0.61481
         465361.09    3762713.70        0.61930                    465186.17
3762739.22        0.64447
         465203.34    3762727.16        0.63471                    465215.87
3762719.73        0.62853
         465234.89    3762708.13        0.61924                    465248.35
3762704.42        0.61653
         465266.90    3762690.04        0.60551                    465278.97
3762684.93        0.60146
         465294.74    3762673.80        0.59286                    465305.88
3762669.62        0.58951
         465324.44    3762658.95        0.58123                    465335.57
3762651.99        0.57589
         465356.45    3762640.86        0.56723                    465364.80
3762651.53        0.57394
         465369.44    3762663.59        0.58199                    465408.42
3762642.71        0.56531
         465418.16    3762663.59        0.57888                    465548.54
3762581.47        0.51672
         465548.54    3762541.57        0.49475                    465576.84
3762516.05        0.47905
         465608.85    3762507.23        0.47176                    465626.48
3762496.56        0.46486
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         465648.75    3762483.11        0.45636                       465679.84
3762470.58        0.44759
         465697.47    3762453.88        0.43846                       465708.61
3762467.33        0.44326
         465720.21    3762501.67        0.45756                       465706.29
3762507.23        0.46175
         465680.77    3762512.34        0.46702                       465650.15
3762525.79        0.47687
         465621.84    3762530.43        0.48215                       465609.32
3762570.80        0.50478
         465597.72    3762593.07        0.51847                       465466.93
3762523.28        0.49109
         465495.51    3762752.32        0.63879                       465607.32
3762691.54        0.57897
         465638.88    3762732.83        0.60365                       465880.93
3761970.96        0.27828
         465899.06    3761961.89        0.27550                       465918.70
3761949.05        0.27184
         466021.46    3761887.85        0.25478                       466003.33
3761909.00        0.25968
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 371
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLLIFT  ***
                                  INCLUDING SOURCE(S):     L0000100    , L0000101
, L0000102    , L0000103    , L0000104    ,
                  L0000105    , L0000106    , L0000107    , L0000108    , L0000109
, L0000110    , L0000111    , L0000112    ,
                  L0000113    , L0000114    , L0000115    , L0000116    , L0000117
, L0000118    , L0000119    , L0000120    ,
                  L0000121    , L0000122    , L0000123    , L0000124    , L0000125
, L0000126    , L0000127    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         465948.93    3761935.45        0.26763                       465938.07
```

3762064.51 0.29524
465966.07 3762033.84 0.28691 466006.63
3762068.43 0.29153
465978.83 3762064.10 0.29248 466203.62
3761946.81 0.25536
466279.35 3761913.67 0.24503 466157.86
3761983.09 0.26456
466088.29 3761838.62 0.24373 466150.53
3761817.33 0.23715
466462.09 3761909.65 0.23178 466425.32
3761902.53 0.23325
466363.48 3761988.88 0.25083 466365.47
3762027.07 0.25703
466372.60 3762046.16 0.25978 466413.64
3762063.55 0.25973
466414.21 3762046.16 0.25669 466458.95
3762015.67 0.24837
466437.58 3761986.03 0.24528 466452.97
3761976.62 0.24270
466501.13 3762012.25 0.24458 466519.94
3762058.99 0.25036
466557.27 3762034.19 0.24366 466527.92
3761996.29 0.24012
466518.23 3762033.91 0.24662 466547.01
3762016.52 0.24179
466361.23 3761910.97 0.23898 466392.75
3761859.34 0.22965
466437.01 3761856.66 0.22640 466667.45
3761397.88 0.16357
466654.92 3761408.56 0.16498 466620.57
3761311.09 0.15832
466644.70 3761353.33 0.16081 467171.74
3761628.78 0.15624
467160.82 3761592.16 0.15304 467178.81
3761577.39 0.15049
467217.35 3761552.33 0.14518 467195.67
3761726.98 0.16233
467217.02 3761765.04 0.16468 467244.41
3761802.18 0.16674
466609.01 3760870.30 0.11886 466590.45
3760838.62 0.11439
466550.04 3760856.64 0.11678 466511.26
3760738.68 0.10912
466516.72 3760721.21 0.10810 466484.50
3760653.49 0.10073
466405.86 3760662.23 0.10559 466418.42
3760685.17 0.10651
466436.99 3760693.90 0.10666 466469.21
3760637.11 0.09829
466422.25 3760602.16 0.10083 466442.45

```
3760585.77        0.09884
         466331.59    3760843.54        0.12716                        466230.02
3760624.00        0.11643
         466169.95    3760518.60        0.11209                        466228.38
3760625.64        0.11680
         466519.10    3761138.93        0.14529                        466541.38
3761178.39        0.14830
         466448.07    3761006.15        0.13467                        466426.71
3760962.05        0.13078
         466082.34    3759528.59        0.07087                        466025.48
3759415.59        0.07259
         464938.75    3759307.56        0.07747                        464884.77
3759310.77        0.07751
         464807.00    3759384.68        0.07921                        465649.97
3758786.54        0.04847
         465761.16    3758976.01        0.05646                        465106.46
3758565.04        0.06097
         465110.02    3758591.73        0.06144                        465314.61
3758492.99        0.04859
         465402.68    3758645.10        0.05047                        465036.18
3758154.96        0.04041
         465050.42    3758090.91        0.03651                        465045.97
3758063.34        0.03489
         464984.59    3758199.44        0.04508                        464928.55
3758219.90        0.04918
         465206.98    3757892.54        0.03465                        465151.83
3757604.33        0.03002
         465117.13    3757566.08        0.03107                        465094.89
3757499.37        0.03060
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 372
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLLIFT  ***
                                  INCLUDING SOURCE(S):     L0000100    , L0000101
, L0000102    , L0000103    , L0000104    ,
                  L0000105    , L0000106    , L0000107    , L0000108    , L0000109
, L0000110    , L0000111    , L0000112    ,
                  L0000113    , L0000114    , L0000115    , L0000116    , L0000117
, L0000118    , L0000119    , L0000120    ,
                  L0000121    , L0000122    , L0000123    , L0000124    , L0000125
, L0000126    , L0000127    ,  . . .      ,

                                                *** 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
465051.31	3757417.53	0.03182	464972.14	3757605.22	0.02791
464940.11	3757550.07	0.02923	464916.10	3757510.93	0.03051
464894.75	3757478.91	0.03145	464699.94	3757333.02	0.04144
464481.11	3757131.09	0.04196	464361.91	3756866.90	0.03947
464281.85	3756591.14	0.03709	464235.59	3756543.11	0.03675
464253.39	3756616.05	0.03733	464677.39	3755989.20	0.02447
464700.79	3756069.23	0.02561	464752.50	3756072.92	0.02561
464726.64	3756045.84	0.02509	464726.64	3755885.78	0.02261
464709.41	3755930.10	0.02327	464770.97	3755917.79	0.02275
464799.28	3755932.57	0.02272	464903.94	3755872.24	0.02129
464855.92	3755837.76	0.02104	464357.52	3756197.03	0.03231
463971.35	3755883.07	0.02806	463777.74	3756154.12	0.03353
463401.30	3755910.15	0.03091	463310.23	3755300.27	0.02468
463828.59	3755755.84	0.02711	461422.35	3754393.19	0.02332
461581.60	3754502.61	0.02384	461732.84	3754617.38	0.02439
463584.74	3773404.24	0.01214	463565.61	3773428.58	0.01211
463452.60	3772407.95	0.01513	463381.18	3772107.58	0.01607
463456.01	3771996.49	0.01656	463382.72	3771899.28	0.01688
463391.98	3771839.87	0.01709	463450.61	3771836.01	0.01722
463449.07	3771509.67	0.01857	463128.13	3771147.07	0.02074
463081.29	3771178.48	0.02064	463387.17	3770930.69	0.02173

```
         463393.52    3770784.56        0.02274                       464272.60
3770316.61        0.02580
         464292.70    3770216.83        0.02662                       464857.42
3770180.33        0.02425
         464911.10    3770169.59        0.02423                       472010.14
3773350.14        0.01146
         472017.02    3773222.10        0.01171                       472090.00
3771728.63        0.01532
         472065.13    3771814.18        0.01517                       472215.84
3771412.29        0.01565
         472243.69    3771355.59        0.01571                       472254.14
3771342.16        0.01572
         469633.06    3764556.22        0.22112                       469567.11
3764486.31        0.24620
         469724.07    3764529.84        0.22369                       468422.23
3764520.61        0.31303
         468748.02    3764105.13        0.47165                       468964.34
3764293.74        0.37143
         468800.09    3764957.17        0.16184                       469497.47
3764314.56        0.30741
         468138.32    3763601.28        0.54993                       468310.81
3763707.06        0.56761
         471167.46    3765485.21        0.05984                       471211.21
3765490.07        0.05873
         471132.46    3765415.22        0.06280                       471094.55
3765508.54        0.05987
         471117.88    3765508.54        0.05965                       471262.76
3766806.52        0.03334
         471323.17    3766798.09        0.03300                       471338.62
3766865.52        0.03246
         471411.67    3766831.80        0.03151                       471460.13
3766840.94        0.03115
         471453.11    3766880.27        0.03122                       471524.05
3766845.15        0.03079
         471542.31    3766851.47        0.03065                       473015.63
3767913.38        0.02366
         473085.40    3768000.30        0.02322                       473037.37
3768050.63        0.02323
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 373
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLLIFT  ***
                                  INCLUDING SOURCE(S):     L0000100    , L0000101
, L0000102    , L0000103    , L0000104    ,
```

```
                 L0000105    , L0000106    , L0000107    , L0000108    , L0000109
, L0000110    , L0000111    , L0000112    ,
                 L0000113    , L0000114    , L0000115    , L0000116    , L0000117
, L0000118    , L0000119    , L0000120    ,
                 L0000121    , L0000122    , L0000123    , L0000124    , L0000125
, L0000126    , L0000127    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        0.02340                       472579.11
3768572.78        0.02311
         468876.69    3760856.73        0.05896                       468877.41
3760872.49        0.05931
         468836.56    3760820.18        0.05882                       468916.10
3760787.22        0.05718
         467288.87    3772358.98        0.01356                       467212.83
3772366.58        0.01347
         466930.26    3771522.88        0.01632                       467229.10
3771542.73        0.01655
         467954.03    3771528.72        0.01669                       467908.50
3771580.08        0.01666
         466335.05    3772522.99        0.01376                       474189.68
3773011.06        0.01107
         468146.89    3760234.01        0.04550                       468083.74
3760112.97        0.04347
         467468.53    3758412.46        0.02733                       470144.04
3757934.27        0.01359
         468846.85    3759822.78        0.03533                       471818.84
3757032.99        0.01016
         473670.24    3755859.61        0.00820                       473859.09
3756296.15        0.00862
         475261.57    3755676.95        0.00730                       474899.34
3755738.87        0.00755
         474763.12    3755779.12        0.00765

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 374
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK1 ***

INCLUDING SOURCE(S): L0000316 , L0000317 , L0000318 , L0000319 , L0000320 , L0000321 , L0000322 , L0000323 , L0000324 , L0000325 , L0000326 , L0000327 , L0000328 , L0000329 , L0000330 , L0000331 , L0000332 , L0000333 , L0000334 , L0000335 , L0000336 , L0000337 , L0000338 , L0000339 , L0000340 , L0000341 , L0000342 , L0000343 , . . . ,

*** 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
465370.10	3764407.54	0.19612	465383.87	3764412.76	0.19740
465401.45	3764436.51	0.19258	465402.58	3764410.16	0.19997
465401.09	3764424.54	0.19569	465707.10	3763626.13	0.37051
465720.25	3763639.94	0.36837	465732.08	3763652.44	0.36651
465743.26	3763670.85	0.36564	465752.47	3763683.34	0.36436
465762.99	3763695.83	0.36245	465771.53	3763711.61	0.36137
465789.95	3763743.18	0.35826	465649.89	3763549.86	0.37499
465642.00	3763538.68	0.37528	465628.85	3763513.69	0.37491
465621.61	3763502.52	0.37593	465609.78	3763485.42	0.37673
465599.26	3763471.61	0.37783	465582.82	3763441.36	0.37887
465676.19	3763559.06	0.36805	465700.52	3763547.89	0.35859
465718.93	3763545.91	0.35262	465723.53	3763582.74	0.35613
465734.05	3763574.19	0.35160	465757.73	3763572.22	0.34463
465759.04	3763535.39	0.34070	465743.26	3763540.00	0.34517

```
         465764.96    3763482.79        0.33521                    465745.89
3763484.76        0.33985
         465717.62    3763493.31        0.34825                    465704.46
3763496.60        0.35194
         465680.79    3763503.17        0.35887                    465672.25
3763478.84        0.35815
         465663.04    3763463.06        0.35886                    465651.20
3763445.97        0.36032
         465636.08    3763428.21        0.36282                    465652.52
3763417.04        0.35799
         465670.93    3763405.86        0.35192                    465699.20
3763447.28        0.34642
         465707.75    3763468.98        0.34676                    465690.66
3763401.91        0.34656
         465707.75    3763424.93        0.34313                    465730.11
3763417.69        0.33843
         465711.70    3763390.08        0.34227                    465730.11
3763375.61        0.33894
         465748.52    3763405.86        0.33448                    465759.70
3763392.05        0.33258
         465759.04    3763453.86        0.33403                    465772.19
3763445.31        0.33083
         465786.66    3763436.76        0.32773                    465473.67
3763269.09        0.41318
         465484.85    3763283.56        0.40812                    465494.05
3763298.02        0.40414
         465507.20    3763317.75        0.39893                    465513.78
3763331.56        0.39641
         465524.30    3763347.34        0.39281                    465534.82
3763363.77        0.38912
         465543.37    3763376.93        0.38679                    465553.23
3763391.39        0.38357
         465557.83    3763407.17        0.38316                    465570.33
3763422.95        0.38072
         465734.77    3763819.90        0.39163                    465803.72
3763759.50        0.35444
         465813.22    3763774.61        0.35179                    465815.89
3763795.75        0.35179
         465834.62    3763804.85        0.34452                    465852.68
3763808.30        0.33799
         465873.18    3763799.25        0.33114                    465894.89
3763786.89        0.32451
         465910.87    3763778.44        0.31997                    465859.91
3763750.10        0.33428
         465845.74    3763733.22        0.33775                    465835.19
3763717.54        0.33987
         465826.45    3763700.65        0.34107                    465814.08
3763685.27        0.34348
         465802.63    3763664.77        0.34461                    465792.98
3763652.71        0.34602
```

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK1   ***
                                 INCLUDING SOURCE(S):   L0000316   , L0000317
, L0000318   , L0000319   , L0000320   ,
                  L0000321   , L0000322   , L0000323   , L0000324   , L0000325
, L0000326   , L0000327   , L0000328   ,
                  L0000329   , L0000330   , L0000331   , L0000332   , L0000333
, L0000334   , L0000335   , L0000336   ,
                  L0000337   , L0000338   , L0000339   , L0000340   , L0000341
, L0000342   , L0000343   , . . .   ,

                                          *** 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
 -
- -
         465945.90   3763759.17   0.31105   465965.05
3763747.39   0.30557
         465977.82   3763739.53   0.30233   465994.51
3763729.22   0.29889
         466008.75   3763716.45   0.29532   466020.53
3763697.31   0.29313
         465881.58   3763738.06   0.32707   465897.30
3763730.20   0.32212
         465915.46   3763717.93   0.31667   465928.23
3763706.64   0.31325
         465940.99   3763691.91   0.30995   465948.85
3763672.76   0.30747
         465950.81   3763653.61   0.30573   465870.78
3763694.36   0.32640
         465855.07   3763687.49   0.33073   465843.78
3763669.32   0.33236
         465834.45   3763655.57   0.33368   465826.10
3763637.41   0.33396
         465820.21   3763611.38   0.33279   465802.54

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3763613.35        0.33794
         465777.99    3763570.14        0.33893                   465798.12
3763564.25        0.33321
         465819.72    3763561.80        0.32798                   465838.87
3763604.51        0.32756
         465876.67    3763602.06        0.31901                   465898.28
3763596.66        0.31424
         465887.97    3763627.10        0.31826                   465907.61
3763640.84        0.31434
         465911.04    3763659.99        0.31431                   465946.88
3763634.95        0.30670
         465942.96    3763617.28        0.30718                   465938.54
3763592.24        0.30723
         465917.92    3763594.69        0.31065                   465836.90
3763555.90        0.32376
         465857.03    3763550.99        0.31936                   465877.17
3763550.01        0.31543
         465896.80    3763543.63        0.31163                   465916.93
3763542.16        0.30847
         465933.63    3763538.23        0.30581                   465967.01
3763530.86        0.30119
         465977.82    3763550.50        0.29970                   465981.25
3763569.16        0.29965
         465985.67    3763587.33        0.29950                   465991.07
3763608.44        0.29884
         465995.98    3763624.15        0.29812                   466001.87
3763640.35        0.29622
         466001.38    3763662.45        0.29598                   466011.69
3763677.18        0.29426
         465782.90    3763526.94        0.33420                   465800.08
3763525.46        0.32983
         465828.07    3763519.57        0.32333                   465839.85
3763511.72        0.32060
         465869.31    3763507.79        0.31481                   465874.71
3763489.13        0.31349
         465926.75    3763511.22        0.30628                   465927.74
3763493.55        0.30661
         465442.39    3763223.49        0.43019                   465450.32
3763240.18        0.42496
         465464.51    3763253.96        0.41798                   464510.03
3763571.36        1.09753
         464487.21    3763576.49        0.93954                   464506.44
3763554.95        1.09699
         464493.11    3763544.44        1.01076                   464495.67
3763548.03        1.02496
         464471.92    3763602.84        0.83684                   465080.33
3762842.73        1.93382
         465092.34    3762854.19        1.63833                   465102.17
3762864.02        1.45924
         465114.18    3762873.84        1.30417                   465123.45
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3762883.12   1.20136
         465132.73   3762891.31   1.12001   465143.10
3762900.04   1.04480
         465153.48   3762914.23   0.96628   465160.57
3762921.88   0.92752
         465173.13   3762932.25   0.87116   465184.04
3762943.16   0.82580
         465191.14   3762950.80   0.79963   465204.24
3762960.63   0.76059
         465213.52   3762971.00   0.73203   465077.60
3762811.62   2.47415

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                                *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK1   ***
                                  INCLUDING SOURCE(S):   L0000316   , L0000317
, L0000318   , L0000319   , L0000320   ,
                  L0000321   , L0000322   , L0000323   , L0000324   , L0000325
, L0000326   , L0000327   , L0000328   ,
                  L0000329   , L0000330   , L0000331   , L0000332   , L0000333
, L0000334   , L0000335   , L0000336   ,
                  L0000337   , L0000338   , L0000339   , L0000340   , L0000341
, L0000342   , L0000343   , . . .   ,

                                             *** 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
 -
- -
         465090.16   3762794.70   2.47307   465097.25
3762780.50   2.58164
         465107.63   3762766.86   2.56872   465115.81
3762751.58   2.68104
         465126.73   3762734.11   2.77145   465135.46
3762719.37   2.88332
         465144.74   3762701.36   3.10364   465157.89
3762710.25   2.36227
         465149.18   3762726.68   2.25967   465140.13
3762741.76   2.19817

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         465129.74    3762758.19        2.15256                    465121.69
3762770.26        2.13117
         465113.64    3762787.69        2.03343                    465102.58
3762801.43        2.05566
         465092.53    3762819.20        2.00025                    465104.93
3762826.57        1.72179
         465114.65    3762832.94        1.55068                    465144.48
3762853.39        1.20114
         465153.87    3762866.80        1.10133                    465163.59
3762873.17        1.03811
         465173.65    3762881.88        0.97628                    465187.39
3762894.29        0.90377
         465192.42    3762902.67        0.87314                    465203.82
3762913.39        0.82721
         465209.85    3762924.12        0.79744                    465223.60
3762934.85        0.75656
         465252.42    3762915.07        0.73090                    465264.16
3762904.68        0.72292
         465279.58    3762897.30        0.70514                    465288.63
3762891.27        0.69719
         465299.02    3762884.90        0.68732                    465313.43
3762874.84        0.67639
         465260.41    3762831.55        0.82890                    465279.90
3762818.56        0.80573
         465309.13    3762802.32        0.76947                    465332.79
3762790.26        0.74184
         465359.24    3762774.95        0.71598                    465390.79
3762709.99        0.74363
         465361.09    3762713.70        0.79581                    465186.17
3762739.22        1.51936
         465203.34    3762727.16        1.44179                    465215.87
3762719.73        1.38088
         465234.89    3762708.13        1.30221                    465248.35
3762704.42        1.23241
         465266.90    3762690.04        1.18624                    465278.97
3762684.93        1.14093
         465294.74    3762673.80        1.10283                    465305.88
3762669.62        1.06542
         465324.44    3762658.95        1.01988                    465335.57
3762651.99        0.99618
         465356.45    3762640.86        0.95032                    465364.80
3762651.53        0.90007
         465369.44    3762663.59        0.86301                    465408.42
3762642.71        0.80615
         465418.16    3762663.59        0.75606                    465548.54
3762581.47        0.65735
         465548.54    3762541.57        0.69746                    465576.84
3762516.05        0.68946
         465608.85    3762507.23        0.66299                    465626.48
3762496.56        0.65594
```

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         465648.75    3762483.11        0.64841                       465679.84
3762470.58        0.63410
         465697.47    3762453.88        0.63658                       465708.61
3762467.33        0.61514
         465720.21    3762501.67        0.57822                       465706.29
3762507.23        0.58290
         465680.77    3762512.34        0.59645                       465650.15
3762525.79        0.60871
         465621.84    3762530.43        0.62880                       465609.32
3762570.80        0.60636
         465597.72    3762593.07        0.59910                       465466.93
3762523.28        0.86971
         465495.51    3762752.32        0.57455                       465607.32
3762691.54        0.52855
         465638.88    3762732.83        0.49031                       465880.93
3761970.96        1.91320
         465899.06    3761961.89        1.90628                       465918.70
3761949.05        1.83075
         466021.46    3761887.85        1.64106                       466003.33
3761909.00        1.86080
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK1   ***
                                  INCLUDING SOURCE(S):     L0000316    , L0000317
, L0000318    , L0000319    , L0000320    ,
                  L0000321    , L0000322    , L0000323    , L0000324    , L0000325
, L0000326    , L0000327    , L0000328    ,
                  L0000329    , L0000330    , L0000331    , L0000332    , L0000333
, L0000334    , L0000335    , L0000336    ,
                  L0000337    , L0000338    , L0000339    , L0000340    , L0000341
, L0000342    , L0000343    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         465948.93    3761935.45        1.85815                       465938.07
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3762064.51 2.16647
465966.07 3762033.84 2.77486 466006.63
3762068.43 1.53624
465978.83 3762064.10 1.77925 466203.62
3761946.81 2.01067
466279.35 3761913.67 1.92328 466157.86
3761983.09 1.75719
466088.29 3761838.62 1.44762 466150.53
3761817.33 1.54895
466462.09 3761909.65 1.09120 466425.32
3761902.53 1.23340
466363.48 3761988.88 0.95875 466365.47
3762027.07 0.83782
466372.60 3762046.16 0.78414 466413.64
3762063.55 0.72120
466414.21 3762046.16 0.75082 466458.95
3762015.67 0.78027
466437.58 3761986.03 0.86661 466452.97
3761976.62 0.87513
466501.13 3762012.25 0.76663 466519.94
3762058.99 0.68331
466557.27 3762034.19 0.71300 466527.92
3761996.29 0.79135
466518.23 3762033.91 0.72952 466547.01
3762016.52 0.74481
466361.23 3761910.97 1.41951 466392.75
3761859.34 1.95157
466437.01 3761856.66 1.64994 466667.45
3761397.88 0.70441
466654.92 3761408.56 0.71516 466620.57
3761311.09 0.50355
466644.70 3761353.33 0.58620 467171.74
3761628.78 2.11005
467160.82 3761592.16 1.95852 467178.81
3761577.39 1.62347
467217.35 3761552.33 1.22317 467195.67
3761726.98 2.94533
467217.02 3761765.04 2.89371 467244.41
3761802.18 2.61187
466609.01 3760870.30 0.19867 466590.45
3760838.62 0.18832
466550.04 3760856.64 0.19231 466511.26
3760738.68 0.16439
466516.72 3760721.21 0.16116 466484.50
3760653.49 0.14729
466405.86 3760662.23 0.14937 466418.42
3760685.17 0.15316
466436.99 3760693.90 0.15485 466469.21
3760637.11 0.14380
466422.25 3760602.16 0.14031 466442.45

```
3760585.77        0.13765
         466331.59    3760843.54        0.18618                        466230.02
3760624.00        0.14534
         466169.95    3760518.60        0.13142                        466228.38
3760625.64        0.14563
         466519.10    3761138.93        0.31138                        466541.38
3761178.39        0.34194
         466448.07    3761006.15        0.23785                        466426.71
3760962.05        0.22037
         466082.34    3759528.59        0.06828                        466025.48
3759415.59        0.06555
         464938.75    3759307.56        0.06348                        464884.77
3759310.77        0.06486
         464807.00    3759384.68        0.07050                        465649.97
3758786.54        0.04775
         465761.16    3758976.01        0.05273                        465106.46
3758565.04        0.05202
         465110.02    3758591.73        0.05253                        465314.61
3758492.99        0.04385
         465402.68    3758645.10        0.04614                        465036.18
3758154.96        0.03841
         465050.42    3758090.91        0.03647                        465045.97
3758063.34        0.03546
         464984.59    3758199.44        0.03984                        464928.55
3758219.90        0.04066
         465206.98    3757892.54        0.03449                        465151.83
3757604.33        0.03062
         465117.13    3757566.08        0.03104                        465094.89
3757499.37        0.03053
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK1   ***
                                 INCLUDING SOURCE(S):     L0000316    , L0000317
, L0000318    , L0000319    , L0000320    ,
                  L0000321    , L0000322    , L0000323    , L0000324    , L0000325
, L0000326    , L0000327    , L0000328    ,
                  L0000329    , L0000330    , L0000331    , L0000332    , L0000333
, L0000334    , L0000335    , L0000336    ,
                  L0000337    , L0000338    , L0000339    , L0000340    , L0000341
, L0000342    , L0000343    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465051.31	3757417.53	0.03082	464972.14	3757605.22	0.02943
464940.11	3757550.07	0.02995	464916.10	3757510.93	0.03047
464894.75	3757478.91	0.03084	464699.94	3757333.02	0.03217
464481.11	3757131.09	0.03152	464361.91	3756866.90	0.02998
464281.85	3756591.14	0.02774	464235.59	3756543.11	0.02744
464253.39	3756616.05	0.02791	464677.39	3755989.20	0.02289
464700.79	3756069.23	0.02348	464752.50	3756072.92	0.02352
464726.64	3756045.84	0.02327	464726.64	3755885.78	0.02194
464709.41	3755930.10	0.02233	464770.97	3755917.79	0.02210
464799.28	3755932.57	0.02213	464903.94	3755872.24	0.02127
464855.92	3755837.76	0.02102	464357.52	3756197.03	0.02494
463971.35	3755883.07	0.02300	463777.74	3756154.12	0.02497
463401.30	3755910.15	0.02326	463310.23	3755300.27	0.02040
463828.59	3755755.84	0.02237	461422.35	3754393.19	0.01814
461581.60	3754502.61	0.01869	461732.84	3754617.38	0.01901
463584.74	3773404.24	0.01874	463565.61	3773428.58	0.01865
463452.60	3772407.95	0.02206	463381.18	3772107.58	0.02303
463456.01	3771996.49	0.02364	463382.72	3771899.28	0.02387
463391.98	3771839.87	0.02410	463450.61	3771836.01	0.02431
463449.07	3771509.67	0.02560	463128.13	3771147.07	0.02622
463081.29	3771178.48	0.02596	463387.17	3770930.69	0.02791

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         463393.52    3770784.56        0.02858                       464272.60
3770316.61        0.03386
         464292.70    3770216.83        0.03437                       464857.42
3770180.33        0.03714
         464911.10    3770169.59        0.03747                       472010.14
3773350.14        0.71257
         472017.02    3773222.10        0.75910                       472090.00
3771728.63        1.01935
         472065.13    3771814.18        0.98244                       472215.84
3771412.29        0.85374
         472243.69    3771355.59        0.85340                       472254.14
3771342.16        0.86877
         469633.06    3764556.22        0.33579                       469567.11
3764486.31        0.33628
         469724.07    3764529.84        0.30741                       468422.23
3764520.61        0.55533
         468748.02    3764105.13        0.75436                       468964.34
3764293.74        0.60040
         468800.09    3764957.17        0.61597                       469497.47
3764314.56        0.32110
         468138.32    3763601.28        1.87154                       468310.81
3763707.06        2.77043
         471167.46    3765485.21        0.17754                       471211.21
3765490.07        0.17097
         471132.46    3765415.22        0.17383                       471094.55
3765508.54        0.18824
         471117.88    3765508.54        0.18580                       471262.76
3766806.52        0.39857
         471323.17    3766798.09        0.36151                       471338.62
3766865.52        0.38390
         471411.67    3766831.80        0.31587                       471460.13
3766840.94        0.30059
         471453.11    3766880.27        0.32256                       471524.05
3766845.15        0.28195
         471542.31    3766851.47        0.27814                       473015.63
3767913.38        0.27918
         473085.40    3768000.30        0.27249                       473037.37
3768050.63        0.29213
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK1   ***
                                 INCLUDING SOURCE(S):     L0000316    , L0000317
, L0000318    , L0000319    , L0000320    ,
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                 L0000321    , L0000322    , L0000323    , L0000324    , L0000325
, L0000326    , L0000327    , L0000328    ,
                 L0000329    , L0000330    , L0000331    , L0000332    , L0000333
, L0000334    , L0000335    , L0000336    ,
                 L0000337    , L0000338    , L0000339    , L0000340    , L0000341
, L0000342    , L0000343    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        1.98965                       472579.11
3768572.78        1.82900
         468876.69    3760856.73        0.09409                       468877.41
3760872.49        0.09559
         468836.56    3760820.18        0.09258                       468916.10
3760787.22        0.08766
         467288.87    3772358.98        0.03685                       467212.83
3772366.58        0.03621
         466930.26    3771522.88        0.04107                       467229.10
3771542.73        0.04341
         467954.03    3771528.72        0.05157                       467908.50
3771580.08        0.05061
         466335.05    3772522.99        0.03118                       474189.68
3773011.06        0.08470
         468146.89    3760234.01        0.06490                       468083.74
3760112.97        0.06020
         467468.53    3758412.46        0.03136                       470144.04
3757934.27        0.01446
         468846.85    3759822.78        0.04436                       471818.84
3757032.99        0.00916
         473670.24    3755859.61        0.00683                       473859.09
3756296.15        0.00722
         475261.57    3755676.95        0.00646                       474899.34
3755738.87        0.00648
         474763.12    3755779.12        0.00651

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 380
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK2 ***

INCLUDING SOURCE(S): L0002278 , L0002279 , L0002280 , L0002281 , L0002282 , L0002283 , L0002284 , L0002285 , L0002286 , L0002287 , L0002288 , L0002289 , L0002290 , L0002291 , L0002292 , L0002293 , L0002294 , L0002295 , L0002296 , L0002297 , L0002298 , L0002299 , L0002300 , L0002301 , L0002302 , L0002303 , L0002304 , L0002305 , . . . ,

*** 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
465370.10	3764407.54	0.27027	465383.87	3764412.76	0.27113
465401.45	3764436.51	0.26168	465402.58	3764410.16	0.27323
465401.09	3764424.54	0.26678	465707.10	3763626.13	0.53277
465720.25	3763639.94	0.52701	465732.08	3763652.44	0.52232
465743.26	3763670.85	0.51904	465752.47	3763683.34	0.51518
465762.99	3763695.83	0.51059	465771.53	3763711.61	0.50660
465789.95	3763743.18	0.49963	465649.89	3763549.86	0.54934
465642.00	3763538.68	0.55132	465628.85	3763513.69	0.55347
465621.61	3763502.52	0.55627	465609.78	3763485.42	0.56003
465599.26	3763471.61	0.56400	465582.82	3763441.36	0.56980
465676.19	3763559.06	0.53487	465700.52	3763547.89	0.51718
465718.93	3763545.91	0.50559	465723.53	3763582.74	0.50871
465734.05	3763574.19	0.50037	465757.73	3763572.22	0.48575
465759.04	3763535.39	0.48185	465743.26	3763540.00	0.49090

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         465764.96    3763482.79        0.47307                    465745.89
3763484.76        0.48273
         465717.62    3763493.31        0.49930                    465704.46
3763496.60        0.50696
         465680.79    3763503.17        0.52109                    465672.25
3763478.84        0.52199
         465663.04    3763463.06        0.52505                    465651.20
3763445.97        0.52980
         465636.08    3763428.21        0.53686                    465652.52
3763417.04        0.52693
         465670.93    3763405.86        0.51536                    465699.20
3763447.28        0.50143
         465707.75    3763468.98        0.49991                    465690.66
3763401.91        0.50417
         465707.75    3763424.93        0.49562                    465730.11
3763417.69        0.48481
         465711.70    3763390.08        0.49409                    465730.11
3763375.61        0.48604
         465748.52    3763405.86        0.47604                    465759.70
3763392.05        0.47138
         465759.04    3763453.86        0.47296                    465772.19
3763445.31        0.46606
         465786.66    3763436.76        0.45932                    465473.67
3763269.09        0.65717
         465484.85    3763283.56        0.64543                    465494.05
3763298.02        0.63590
         465507.20    3763317.75        0.62335                    465513.78
3763331.56        0.61698
         465524.30    3763347.34        0.60843                    465534.82
3763363.77        0.59961
         465543.37    3763376.93        0.59338                    465553.23
3763391.39        0.58532
         465557.83    3763407.17        0.58275                    465570.33
3763422.95        0.57580
         465734.77    3763819.90        0.55736                    465803.72
3763759.50        0.49114
         465813.22    3763774.61        0.48557                    465815.89
3763795.75        0.48545
         465834.62    3763804.85        0.47135                    465852.68
3763808.30        0.45922
         465873.18    3763799.25        0.44658                    465894.89
3763786.89        0.43403
         465910.87    3763778.44        0.42528                    465859.91
3763750.10        0.45321
         465845.74    3763733.22        0.46041                    465835.19
3763717.54        0.46511
         465826.45    3763700.65        0.46824                    465814.08
3763685.27        0.47383
         465802.63    3763664.77        0.47736                    465792.98
3763652.71        0.48121
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465783.63   3763638.54   0.48439   465772.47
3763619.24   0.48730

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK2   ***
INCLUDING SOURCE(S):   L0002278   , L0002279   , L0002280   , L0002281   , L0002282   ,
L0002283   , L0002284   , L0002285   , L0002286   , L0002287   , L0002288   , L0002289   , L0002290   ,
L0002291   , L0002292   , L0002293   , L0002294   , L0002295   , L0002296   , L0002297   , L0002298   ,
L0002299   , L0002300   , L0002301   , L0002302   , L0002303   , L0002304   , L0002305   , . . .   ,

*** 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
465945.90	3763759.17	0.40763	465965.05	3763747.39	0.39786
465977.82	3763739.53	0.39168	465994.51	3763729.22	0.38439
466008.75	3763716.45	0.37730	466020.53	3763697.31	0.37247
465881.58	3763738.06	0.43984	465897.30	3763730.20	0.43067
465915.46	3763717.93	0.42056	465928.23	3763706.64	0.41384
465940.99	3763691.91	0.40716	465948.85	3763672.76	0.40252
465950.81	3763653.61	0.40006	465870.78	3763694.36	0.44120
465855.07	3763687.49	0.44918	465843.78	3763669.32	0.45307
465834.45	3763655.57	0.45618	465826.10	3763637.41	0.45786
465820.21	3763611.38	0.45690	465802.54		

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3763613.35        0.46747
         465777.99    3763570.14        0.47381                   465798.12
3763564.25        0.46148
         465819.72    3763561.80        0.45036                   465838.87
3763604.51        0.44653
         465876.67    3763602.06        0.42857                   465898.28
3763596.66        0.41845
         465887.97    3763627.10        0.42596                   465907.61
3763640.84        0.41794
         465911.04    3763659.99        0.41801                   465946.88
3763634.95        0.40108
         465942.96    3763617.28        0.40201                   465938.54
3763592.24        0.40337
         465917.92    3763594.69        0.41076                   465836.90
3763555.90        0.44164
         465857.03    3763550.99        0.43226                   465877.17
3763550.01        0.42350
         465896.80    3763543.63        0.41554                   465916.93
3763542.16        0.40888
         465933.63    3763538.23        0.40321                   465967.01
3763530.86        0.39199
         465977.82    3763550.50        0.38792                   465981.25
3763569.16        0.38690
         465985.67    3763587.33        0.38593                   465991.07
3763608.44        0.38330
         465995.98    3763624.15        0.38154                   466001.87
3763640.35        0.37909
         466001.38    3763662.45        0.37911                   466011.69
3763677.18        0.37508
         465782.90    3763526.94        0.46848                   465800.08
3763525.46        0.45921
         465828.07    3763519.57        0.44491                   465839.85
3763511.72        0.43919
         465869.31    3763507.79        0.42596                   465874.71
3763489.13        0.42358
         465926.75    3763511.22        0.40532                   465927.74
3763493.55        0.40564
         465442.39    3763223.49        0.69634                   465450.32
3763240.18        0.68408
         465464.51    3763253.96        0.66842                   464510.03
3763571.36        1.89182
         464487.21    3763576.49        1.62858                   464506.44
3763554.95        1.90090
         464493.11    3763544.44        1.76140                   464495.67
3763548.03        1.78316
         464471.92    3763602.84        1.45295                   465080.33
3762842.73        3.56731
         465092.34    3762854.19        3.02690                   465102.17
3762864.02        2.69871
         465114.18    3762873.84        2.41510                   465123.45
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3762883.12        2.22628
         465132.73    3762891.31        2.07554                       465143.10
3762900.04        1.93520
         465153.48    3762914.23        1.78740                       465160.57
3762921.88        1.71128
         465173.13    3762932.25        1.60325                       465184.04
3762943.16        1.51521
         465191.14    3762950.80        1.46187                       465204.24
3762960.63        1.38655
         465213.52    3762971.00        1.33162                       465077.60
3762811.62        4.60314
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 382
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK2   ***
                                  INCLUDING SOURCE(S):     L0002278    , L0002279
, L0002280    , L0002281    , L0002282    ,
                  L0002283    , L0002284    , L0002285    , L0002286    , L0002287
, L0002288    , L0002289    , L0002290    ,
                  L0002291    , L0002292    , L0002293    , L0002294    , L0002295
, L0002296    , L0002297    , L0002298    ,
                  L0002299    , L0002300    , L0002301    , L0002302    , L0002303
, L0002304    , L0002305    ,  . . .      ,

                                             *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         465090.16    3762794.70        4.62096                       465097.25
3762780.50        4.83659
         465107.63    3762766.86        4.81532                       465115.81
3762751.58        5.02275
         465126.73    3762734.11        5.16122                       465135.46
3762719.37        5.32719
         465144.74    3762701.36        5.66933                       465157.89
3762710.25        4.36197
         465149.18    3762726.68        4.20071                       465140.13
3762741.76        4.10443
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         465129.74    3762758.19        4.02933                    465121.69
3762770.26        3.98919
         465113.64    3762787.69        3.80034                    465102.58
3762801.43        3.83289
         465092.53    3762819.20        3.71669                    465104.93
3762826.57        3.20147
         465114.65    3762832.94        2.88769                    465144.48
3762853.39        2.24206
         465153.87    3762866.80        2.05359                    465163.59
3762873.17        1.93503
         465173.65    3762881.88        1.81677                    465187.39
3762894.29        1.67810
         465192.42    3762902.67        1.61785                    465203.82
3762913.39        1.52596
         465209.85    3762924.12        1.46633                    465223.60
3762934.85        1.38471
         465252.42    3762915.07        1.33704                    465264.16
3762904.68        1.32253
         465279.58    3762897.30        1.28962                    465288.63
3762891.27        1.27458
         465299.02    3762884.90        1.25674                    465313.43
3762874.84        1.23516
         465260.41    3762831.55        1.54818                    465279.90
3762818.56        1.50408
         465309.13    3762802.32        1.43014                    465332.79
3762790.26        1.37141
         465359.24    3762774.95        1.31292                    465390.79
3762709.99        1.34524
         465361.09    3762713.70        1.46041                    465186.17
3762739.22        2.86276
         465203.34    3762727.16        2.71969                    465215.87
3762719.73        2.60325
         465234.89    3762708.13        2.45410                    465248.35
3762704.42        2.32474
         465266.90    3762690.04        2.23882                    465278.97
3762684.93        2.15130
         465294.74    3762673.80        2.07102                    465305.88
3762669.62        1.99615
         465324.44    3762658.95        1.89962                    465335.57
3762651.99        1.84688
         465356.45    3762640.86        1.74484                    465364.80
3762651.53        1.64711
         465369.44    3762663.59        1.57536                    465408.42
3762642.71        1.43638
         465418.16    3762663.59        1.34235                    465548.54
3762581.47        1.03586
         465548.54    3762541.57        1.07321                    465576.84
3762516.05        1.01135
         465608.85    3762507.23        0.93632                    465626.48
3762496.56        0.89828
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         465648.75    3762483.11        0.85351                       465679.84
3762470.58        0.79643
         465697.47    3762453.88        0.76379                       465708.61
3762467.33        0.75101
         465720.21    3762501.67        0.73874                       465706.29
3762507.23        0.75908
         465680.77    3762512.34        0.79806                       465650.15
3762525.79        0.84790
         465621.84    3762530.43        0.90171                       465609.32
3762570.80        0.90737
         465597.72    3762593.07        0.91625                       465466.93
3762523.28        1.41392
         465495.51    3762752.32        0.97953                       465607.32
3762691.54        0.83137
         465638.88    3762732.83        0.76409                       465880.93
3761970.96        0.29854
         465899.06    3761961.89        0.29189                       465918.70
3761949.05        0.28399
         466021.46    3761887.85        0.25028                       466003.33
3761909.00        0.25841
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 383
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK2   ***
                                  INCLUDING SOURCE(S):     L0002278    , L0002279
, L0002280    , L0002281    , L0002282    ,
                  L0002283    , L0002284    , L0002285    , L0002286    , L0002287
, L0002288    , L0002289    , L0002290    ,
                  L0002291    , L0002292    , L0002293    , L0002294    , L0002295
, L0002296    , L0002297    , L0002298    ,
                  L0002299    , L0002300    , L0002301    , L0002302    , L0002303
, L0002304    , L0002305    ,  . . .      ,

                                                *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         465948.93    3761935.45        0.27455                       465938.07
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3762064.51 0.32313
465966.07 3762033.84 0.30492 466006.63
3762068.43 0.30990
465978.83 3762064.10 0.31401 466203.62
3761946.81 0.24181
466279.35 3761913.67 0.22765 466157.86
3761983.09 0.25721
466088.29 3761838.62 0.22948 466150.53
3761817.33 0.21754
466462.09 3761909.65 0.20783 466425.32
3761902.53 0.20946
466363.48 3761988.88 0.23306 466365.47
3762027.07 0.24191
466372.60 3762046.16 0.24594 466413.64
3762063.55 0.24928
466414.21 3762046.16 0.24405 466458.95
3762015.67 0.24175
466437.58 3761986.03 0.23249 466452.97
3761976.62 0.23086
466501.13 3762012.25 0.23977 466519.94
3762058.99 0.25274
466557.27 3762034.19 0.25075 466527.92
3761996.29 0.23493
466518.23 3762033.91 0.24666 466547.01
3762016.52 0.24456
466361.23 3761910.97 0.21749 466392.75
3761859.34 0.20882
466437.01 3761856.66 0.20509 466667.45
3761397.88 0.13084
466654.92 3761408.56 0.13220 466620.57
3761311.09 0.12389
466644.70 3761353.33 0.12712 467171.74
3761628.78 0.14572
467160.82 3761592.16 0.14155 467178.81
3761577.39 0.13949
467217.35 3761552.33 0.13592 467195.67
3761726.98 0.15894
467217.02 3761765.04 0.16377 467244.41
3761802.18 0.16836
466609.01 3760870.30 0.09244 466590.45
3760838.62 0.09070
466550.04 3760856.64 0.09217 466511.26
3760738.68 0.08643
466516.72 3760721.21 0.08553 466484.50
3760653.49 0.08254
466405.86 3760662.23 0.08391 466418.42
3760685.17 0.08480
466436.99 3760693.90 0.08499 466469.21
3760637.11 0.08198
466422.25 3760602.16 0.08103 466442.45

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3760585.77        0.08012
         466331.59    3760843.54        0.09517                          466230.02
3760624.00        0.08590
         466169.95    3760518.60        0.08232                          466228.38
3760625.64        0.08604
         466519.10    3761138.93        0.11185                          466541.38
3761178.39        0.11452
         466448.07    3761006.15        0.10313                          466426.71
3760962.05        0.10040
         466082.34    3759528.59        0.05469                          466025.48
3759415.59        0.05395
         464938.75    3759307.56        0.06428                          464884.77
3759310.77        0.06803
         464807.00    3759384.68        0.07867                          465649.97
3758786.54        0.04362
         465761.16    3758976.01        0.04684                          465106.46
3758565.04        0.05750
         465110.02    3758591.73        0.05800                          465314.61
3758492.99        0.04245
         465402.68    3758645.10        0.04383                          465036.18
3758154.96        0.03848
         465050.42    3758090.91        0.03618                          465045.97
3758063.34        0.03506
         464984.59    3758199.44        0.04056                          464928.55
3758219.90        0.04216
         465206.98    3757892.54        0.03413                          465151.83
3757604.33        0.03058
         465117.13    3757566.08        0.03116                          465094.89
3757499.37        0.03075
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 384
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK2   ***
                                  INCLUDING SOURCE(S):     L0002278    , L0002279
, L0002280    , L0002281    , L0002282    ,
                  L0002283    , L0002284    , L0002285    , L0002286    , L0002287
, L0002288    , L0002289    , L0002290    ,
                  L0002291    , L0002292    , L0002293    , L0002294    , L0002295
, L0002296    , L0002297    , L0002298    ,
                  L0002299    , L0002300    , L0002301    , L0002302    , L0002303
, L0002304    , L0002305    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465051.31	3757417.53	0.03148	464972.14	3757605.22	0.02952
464940.11	3757550.07	0.03031	464916.10	3757510.93	0.03105
464894.75	3757478.91	0.03167	464699.94	3757333.02	0.03552
464481.11	3757131.09	0.03678	464361.91	3756866.90	0.03593
464281.85	3756591.14	0.03303	464235.59	3756543.11	0.03282
464253.39	3756616.05	0.03336	464677.39	3755989.20	0.02469
464700.79	3756069.23	0.02543	464752.50	3756072.92	0.02537
464726.64	3756045.84	0.02505	464726.64	3755885.78	0.02334
464709.41	3755930.10	0.02389	464770.97	3755917.79	0.02343
464799.28	3755932.57	0.02340	464903.94	3755872.24	0.02220
464855.92	3755837.76	0.02202	464357.52	3756197.03	0.02873
463971.35	3755883.07	0.02694	463777.74	3756154.12	0.03087
463401.30	3755910.15	0.02898	463310.23	3755300.27	0.02484
463828.59	3755755.84	0.02643	461422.35	3754393.19	0.02547
461581.60	3754502.61	0.02626	461732.84	3754617.38	0.02658
463584.74	3773404.24	0.00946	463565.61	3773428.58	0.00943
463452.60	3772407.95	0.01163	463381.18	3772107.58	0.01242
463456.01	3771996.49	0.01268	463382.72	3771899.28	0.01301
463391.98	3771839.87	0.01315	463450.61	3771836.01	0.01315
463449.07	3771509.67	0.01410	463128.13	3771147.07	0.01554
463081.29	3771178.48	0.01545	463387.17	3770930.69	0.01615

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         463393.52    3770784.56        0.01673                        464272.60
3770316.61        0.01779
         464292.70    3770216.83        0.01823                        464857.42
3770180.33        0.01799
         464911.10    3770169.59        0.01800                        472010.14
3773350.14        0.00877
         472017.02    3773222.10        0.00891                        472090.00
3771728.63        0.01062
         472065.13    3771814.18        0.01055                        472215.84
3771412.29        0.01084
         472243.69    3771355.59        0.01091                        472254.14
3771342.16        0.01093
         469633.06    3764556.22        0.06510                        469567.11
3764486.31        0.06872
         469724.07    3764529.84        0.06552                        468422.23
3764520.61        0.07494
         468748.02    3764105.13        0.09679                        468964.34
3764293.74        0.08235
         468800.09    3764957.17        0.05715                        469497.47
3764314.56        0.07720
         468138.32    3763601.28        0.14056                        468310.81
3763707.06        0.13105
         471167.46    3765485.21        0.03297                        471211.21
3765490.07        0.03258
         471132.46    3765415.22        0.03403                        471094.55
3765508.54        0.03298
         471117.88    3765508.54        0.03289                        471262.76
3766806.52        0.02128
         471323.17    3766798.09        0.02118                        471338.62
3766865.52        0.02081
         471411.67    3766831.80        0.02051                        471460.13
3766840.94        0.02036
         471453.11    3766880.27        0.02030                        471524.05
3766845.15        0.02022
         471542.31    3766851.47        0.02015                        473015.63
3767913.38        0.01590
         473085.40    3768000.30        0.01563                        473037.37
3768050.63        0.01559
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 385
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK2   ***
                                 INCLUDING SOURCE(S):     L0002278    , L0002279
, L0002280    , L0002281    , L0002282    ,
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                 L0002283    , L0002284    , L0002285    , L0002286    , L0002287
, L0002288    , L0002289    , L0002290    ,
                 L0002291    , L0002292    , L0002293    , L0002294    , L0002295
, L0002296    , L0002297    , L0002298    ,
                 L0002299    , L0002300    , L0002301    , L0002302    , L0002303
, L0002304    , L0002305    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        0.01545                       472579.11
3768572.78        0.01530
         468876.69    3760856.73        0.07576                       468877.41
3760872.49        0.07646
         468836.56    3760820.18        0.07457                       468916.10
3760787.22        0.07267
         467288.87    3772358.98        0.01054                       467212.83
3772366.58        0.01053
         466930.26    3771522.88        0.01234                       467229.10
3771542.73        0.01222
         467954.03    3771528.72        0.01225                       467908.50
3771580.08        0.01220
         466335.05    3772522.99        0.01079                       474189.68
3773011.06        0.00833
         468146.89    3760234.01        0.05691                       468083.74
3760112.97        0.05389
         467468.53    3758412.46        0.02950                       470144.04
3757934.27        0.01853
         468846.85    3759822.78        0.04514                       471818.84
3757032.99        0.01174
         473670.24    3755859.61        0.00872                       473859.09
3756296.15        0.00928
         475261.57    3755676.95        0.00822                       474899.34
3755738.87        0.00830
         474763.12    3755779.12        0.00835

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 386
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK3 ***

INCLUDING SOURCE(S): L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 , L0003552 , L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 , L0003560 , L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 , L0003567 , L0003568 , L0003569 , L0003570 , L0003571 , L0003572 , L0003573 , . . . ,

*** 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
465370.10	3764407.54	0.27242	465383.87	3764412.76	0.27304
465401.45	3764436.51	0.25990	465402.58	3764410.16	0.27797
465401.09	3764424.54	0.26726	465707.10	3763626.13	0.46786
465720.25	3763639.94	0.46479	465732.08	3763652.44	0.46192
465743.26	3763670.85	0.46102	465752.47	3763683.34	0.45936
465762.99	3763695.83	0.45667	465771.53	3763711.61	0.45587
465789.95	3763743.18	0.45276	465649.89	3763549.86	0.47316
465642.00	3763538.68	0.47357	465628.85	3763513.69	0.47268
465621.61	3763502.52	0.47394	465609.78	3763485.42	0.47505
465599.26	3763471.61	0.47666	465582.82	3763441.36	0.47774
465676.19	3763559.06	0.46222	465700.52	3763547.89	0.44664
465718.93	3763545.91	0.43723	465723.53	3763582.74	0.44365
465734.05	3763574.19	0.43606	465757.73	3763572.22	0.42441
465759.04	3763535.39	0.41727	465743.26	3763540.00	0.42497

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         465764.96    3763482.79        0.40679                    465745.89
3763484.76        0.41443
         465717.62    3763493.31        0.42835                    465704.46
3763496.60        0.43491
         465680.79    3763503.17        0.44645                    465672.25
3763478.84        0.44500
         465663.04    3763463.06        0.44596                    465651.20
3763445.97        0.44808
         465636.08    3763428.21        0.45199                    465652.52
3763417.04        0.44373
         465670.93    3763405.86        0.43335                    465699.20
3763447.28        0.42573
         465707.75    3763468.98        0.42627                    465690.66
3763401.91        0.42485
         465707.75    3763424.93        0.41985                    465730.11
3763417.69        0.41147
         465711.70    3763390.08        0.41697                    465730.11
3763375.61        0.41097
         465748.52    3763405.86        0.40442                    465759.70
3763392.05        0.40061
         465759.04    3763453.86        0.40475                    465772.19
3763445.31        0.39903
         465786.66    3763436.76        0.39363                    465473.67
3763269.09        0.52523
         465484.85    3763283.56        0.51809                    465494.05
3763298.02        0.51240
         465507.20    3763317.75        0.50513                    465513.78
3763331.56        0.50187
         465524.30    3763347.34        0.49667                    465534.82
3763363.77        0.49145
         465543.37    3763376.93        0.48839                    465553.23
3763391.39        0.48407
         465557.83    3763407.17        0.48392                    465570.33
3763422.95        0.48047
         465734.77    3763819.90        0.51511                    465803.72
3763759.50        0.44777
         465813.22    3763774.61        0.44499                    465815.89
3763795.75        0.44735
         465834.62    3763804.85        0.43666                    465852.68
3763808.30        0.42607
         465873.18    3763799.25        0.41321                    465894.89
3763786.89        0.40009
         465910.87    3763778.44        0.39129                    465859.91
3763750.10        0.41321
         465845.74    3763733.22        0.41789                    465835.19
3763717.54        0.42061
         465826.45    3763700.65        0.42175                    465814.08
3763685.27        0.42495
         465802.63    3763664.77        0.42599                    465792.98
3763652.71        0.42808
```

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK3   ***
                                 INCLUDING SOURCE(S):   L0003546   , L0003547
, L0003548   , L0003549   , L0003550   ,
                  L0003551   , L0003552   , L0003553   , L0003554   , L0003555
, L0003556   , L0003557   , L0003558   ,
                  L0003559   , L0003560   , L0003561   , L0003562   , L0003563
, L0003564   , L0003565   , L0003566   ,
                  L0003567   , L0003568   , L0003569   , L0003570   , L0003571
, L0003572   , L0003573   , . . .   ,

                                          *** 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
 -
- -
         465945.90   3763759.17   0.37366   465965.05
3763747.39   0.36309
         465977.82   3763739.53   0.35680   465994.51
3763729.22   0.34980
         466008.75   3763716.45   0.34291   466020.53
3763697.31   0.33759
         465881.58   3763738.06   0.39964   465897.30
3763730.20   0.39034
         465915.46   3763717.93   0.38046   465928.23
3763706.64   0.37375
         465940.99   3763691.91   0.36699   465948.85
3763672.76   0.36173
         465950.81   3763653.61   0.35844   465870.78
3763694.36   0.39642
         465855.07   3763687.49   0.40281   465843.78
3763669.32   0.40516
         465834.45   3763655.57   0.40690   465826.10
3763637.41   0.40731
         465820.21   3763611.38   0.40499   465802.54

3763613.35 0.41378
465777.99 3763570.14 0.41498 465798.12
3763564.25 0.40505
465819.72 3763561.80 0.39601 465838.87
3763604.51 0.39588
465876.67 3763602.06 0.38075 465898.28
3763596.66 0.37192
465887.97 3763627.10 0.37960 465907.61
3763640.84 0.37292
465911.04 3763659.99 0.37400 465946.88
3763634.95 0.35875
465942.96 3763617.28 0.35948 465938.54
3763592.24 0.35882
465917.92 3763594.69 0.36550 465836.90
3763555.90 0.38853
465857.03 3763550.99 0.38057 465877.17
3763550.01 0.37353
465896.80 3763543.63 0.36649 465916.93
3763542.16 0.36030
465933.63 3763538.23 0.35514 465967.01
3763530.86 0.34595
465977.82 3763550.50 0.34349 465981.25
3763569.16 0.34380
465985.67 3763587.33 0.34400 465991.07
3763608.44 0.34369
465995.98 3763624.15 0.34245 466001.87
3763640.35 0.34017
466001.38 3763662.45 0.34113 466011.69
3763677.18 0.33865
465782.90 3763526.94 0.40611 465800.08
3763525.46 0.39884
465828.07 3763519.57 0.38739 465839.85
3763511.72 0.38244
465869.31 3763507.79 0.37172 465874.71
3763489.13 0.36925
465926.75 3763511.22 0.35577 465927.74
3763493.55 0.35520
465442.39 3763223.49 0.54903 465450.32
3763240.18 0.54178
465464.51 3763253.96 0.53183 464510.03
3763571.36 1.47152
464487.21 3763576.49 1.25931 464506.44
3763554.95 1.47006
464493.11 3763544.44 1.35446 464495.67
3763548.03 1.37351
464471.92 3763602.84 1.12119 465080.33
3762842.73 2.53395
465092.34 3762854.19 2.15473 465102.17
3762864.02 1.92316
465114.18 3762873.84 1.72201 465123.45

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3762883.12        1.58761
         465132.73    3762891.31        1.48088                       465143.10
3762900.04        1.38177
         465153.48    3762914.23        1.27769                       465160.57
3762921.88        1.22606
         465173.13    3762932.25        1.15091                       465184.04
3762943.16        1.09017
         465191.14    3762950.80        1.05562                       465204.24
3762960.63        1.00300
         465213.52    3762971.00        0.96588                       465077.60
3762811.62        3.27863
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 388
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK3   ***
                                  INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                             *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         465090.16    3762794.70        3.33109                       465097.25
3762780.50        3.52452
         465107.63    3762766.86        3.55358                       465115.81
3762751.58        3.76201
         465126.73    3762734.11        3.93598                       465135.46
3762719.37        4.13068
         465144.74    3762701.36        4.49960                       465157.89
3762710.25        3.35436
         465149.18    3762726.68        3.18433                       465140.13
3762741.76        3.07628
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         465129.74    3762758.19        2.98592                    465121.69
3762770.26        2.93264
         465113.64    3762787.69        2.76330                    465102.58
3762801.43        2.76523
         465092.53    3762819.20        2.65790                    465104.93
3762826.57        2.28963
         465114.65    3762832.94        2.06227                    465144.48
3762853.39        1.59589
         465153.87    3762866.80        1.46108                    465163.59
3762873.17        1.37659
         465173.65    3762881.88        1.29362                    465187.39
3762894.29        1.19661
         465192.42    3762902.67        1.15535                    465203.82
3762913.39        1.09256
         465209.85    3762924.12        1.05227                    465223.60
3762934.85        0.99839
         465252.42    3762915.07        0.96360                    465264.16
3762904.68        0.95121
         465279.58    3762897.30        0.92806                    465288.63
3762891.27        0.91706
         465299.02    3762884.90        0.90445                    465313.43
3762874.84        0.88901
         465260.41    3762831.55        1.10140                    465279.90
3762818.56        1.07071
         465309.13    3762802.32        1.02154                    465332.79
3762790.26        0.98352
         465359.24    3762774.95        0.94773                    465390.79
3762709.99        0.98770
         465361.09    3762713.70        1.06172                    465186.17
3762739.22        2.09446
         465203.34    3762727.16        1.98689                    465215.87
3762719.73        1.90048
         465234.89    3762708.13        1.78805                    465248.35
3762704.42        1.68710
         465266.90    3762690.04        1.62046                    465278.97
3762684.93        1.55472
         465294.74    3762673.80        1.49903                    465305.88
3762669.62        1.44487
         465324.44    3762658.95        1.37863                    465335.57
3762651.99        1.34413
         465356.45    3762640.86        1.27799                    465364.80
3762651.53        1.20775
         465369.44    3762663.59        1.15595                    465408.42
3762642.71        1.07460
         465418.16    3762663.59        1.00453                    465548.54
3762581.47        0.86220
         465548.54    3762541.57        0.91878                    465576.84
3762516.05        0.90696
         465608.85    3762507.23        0.86844                    465626.48
3762496.56        0.85776
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         465648.75    3762483.11        0.84605                       465679.84
3762470.58        0.82414
         465697.47    3762453.88        0.82643                       465708.61
3762467.33        0.79578
         465720.21    3762501.67        0.74347                       465706.29
3762507.23        0.75082
         465680.77    3762512.34        0.77124                       465650.15
3762525.79        0.79000
         465621.84    3762530.43        0.81955                       465609.32
3762570.80        0.78842
         465597.72    3762593.07        0.77868                       465466.93
3762523.28        1.16273
         465495.51    3762752.32        0.74717                       465607.32
3762691.54        0.67909
         465638.88    3762732.83        0.62377                       465880.93
3761970.96        2.88832
         465899.06    3761961.89        2.86810                       465918.70
3761949.05        2.72875
         466021.46    3761887.85        2.39418                       466003.33
3761909.00        2.76011
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 389
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK3   ***
                                  INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         465948.93    3761935.45        2.76766                       465938.07
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3762064.51 2.60604
465966.07 3762033.84 3.25198 466006.63
3762068.43 1.90932
465978.83 3762064.10 2.18619 466203.62
3761946.81 2.48902
466279.35 3761913.67 2.41128 466157.86
3761983.09 2.18536
466088.29 3761838.62 2.07677 466150.53
3761817.33 2.21949
466462.09 3761909.65 1.37702 466425.32
3761902.53 1.56979
466363.48 3761988.88 1.19917 466365.47
3762027.07 1.03607
466372.60 3762046.16 0.96241 466413.64
3762063.55 0.86934
466414.21 3762046.16 0.91095 466458.95
3762015.67 0.94150
466437.58 3761986.03 1.06679 466452.97
3761976.62 1.07505
466501.13 3762012.25 0.91297 466519.94
3762058.99 0.79027
466557.27 3762034.19 0.82188 466527.92
3761996.29 0.93727
466518.23 3762033.91 0.85258 466547.01
3762016.52 0.87069
466361.23 3761910.97 1.80703 466392.75
3761859.34 2.51291
466437.01 3761856.66 2.13824 466667.45
3761397.88 1.23606
466654.92 3761408.56 1.20699 466620.57
3761311.09 1.06175
466644.70 3761353.33 1.12678 467171.74
3761628.78 0.71277
467160.82 3761592.16 0.74486 467178.81
3761577.39 0.72224
467217.35 3761552.33 0.67626 467195.67
3761726.98 0.63472
467217.02 3761765.04 0.58866 467244.41
3761802.18 0.54420
466609.01 3760870.30 2.25171 466590.45
3760838.62 1.98536
466550.04 3760856.64 2.94703 466511.26
3760738.68 1.74576
466516.72 3760721.21 1.57807 466484.50
3760653.49 1.42301
466405.86 3760662.23 2.28355 466418.42
3760685.17 2.34888
466436.99 3760693.90 2.15704 466469.21
3760637.11 1.44378
466422.25 3760602.16 1.62284 466442.45

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3760585.77        1.40261
         466331.59    3760843.54        1.69908                        466230.02
3760624.00        2.41056
         466169.95    3760518.60        2.29698                        466228.38
3760625.64        2.34718
         466519.10    3761138.93        1.05295                        466541.38
3761178.39        1.02159
         466448.07    3761006.15        1.34187                        466426.71
3760962.05        1.53605
         466082.34    3759528.59        0.60358                        466025.48
3759415.59        0.60146
         464938.75    3759307.56        0.48618                        464884.77
3759310.77        0.45326
         464807.00    3759384.68        0.39744                        465649.97
3758786.54        0.66734
         465761.16    3758976.01        0.66857                        465106.46
3758565.04        2.46496
         465110.02    3758591.73        2.34311                        465314.61
3758492.99        1.14914
         465402.68    3758645.10        1.01233                        465036.18
3758154.96        1.79798
         465050.42    3758090.91        2.02829                        465045.97
3758063.34        1.89361
         464984.59    3758199.44        1.28286                        464928.55
3758219.90        1.01027
         465206.98    3757892.54        1.66303                        465151.83
3757604.33        1.59299
         465117.13    3757566.08        1.90075                        465094.89
3757499.37        1.64934
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 390
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK3   ***
                                  INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465051.31	3757417.53	1.55465	464972.14	3757605.22	1.89342
464940.11	3757550.07	2.16205	464916.10	3757510.93	2.44937
464894.75	3757478.91	2.71053	464699.94	3757333.02	2.14986
464481.11	3757131.09	1.84047	464361.91	3756866.90	2.11675
464281.85	3756591.14	3.52181	464235.59	3756543.11	2.47087
464253.39	3756616.05	2.15668	464677.39	3755989.20	0.39939
464700.79	3756069.23	0.41611	464752.50	3756072.92	0.39717
464726.64	3756045.84	0.40005	464726.64	3755885.78	0.35427
464709.41	3755930.10	0.37130	464770.97	3755917.79	0.35118
464799.28	3755932.57	0.34752	464903.94	3755872.24	0.30821
464855.92	3755837.76	0.31057	464357.52	3756197.03	0.85195
463971.35	3755883.07	0.97001	463777.74	3756154.12	1.48513
463401.30	3755910.15	1.06664	463310.23	3755300.27	0.94131
463828.59	3755755.84	0.96814	461422.35	3754393.19	1.94504
461581.60	3754502.61	2.40913	461732.84	3754617.38	2.09159
463584.74	3773404.24	0.00714	463565.61	3773428.58	0.00712
463452.60	3772407.95	0.00856	463381.18	3772107.58	0.00907
463456.01	3771996.49	0.00923	463382.72	3771899.28	0.00945
463391.98	3771839.87	0.00954	463450.61	3771836.01	0.00954
463449.07	3771509.67	0.01015	463128.13	3771147.07	0.01107
463081.29	3771178.48	0.01102	463387.17	3770930.69	0.01148

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         463393.52    3770784.56        0.01186                        464272.60
3770316.61        0.01259
         464292.70    3770216.83        0.01288                        464857.42
3770180.33        0.01276
         464911.10    3770169.59        0.01278                        472010.14
3773350.14        0.00742
         472017.02    3773222.10        0.00754                        472090.00
3771728.63        0.00900
         472065.13    3771814.18        0.00893                        472215.84
3771412.29        0.00920
         472243.69    3771355.59        0.00927                        472254.14
3771342.16        0.00928
         469633.06    3764556.22        0.04680                        469567.11
3764486.31        0.04945
         469724.07    3764529.84        0.04673                        468422.23
3764520.61        0.06782
         468748.02    3764105.13        0.07900                        468964.34
3764293.74        0.06545
         468800.09    3764957.17        0.04701                        469497.47
3764314.56        0.05668
         468138.32    3763601.28        0.11936                        468310.81
3763707.06        0.10941
         471167.46    3765485.21        0.02295                        471211.21
3765490.07        0.02260
         471132.46    3765415.22        0.02344                        471094.55
3765508.54        0.02315
         471117.88    3765508.54        0.02306                        471262.76
3766806.52        0.01683
         471323.17    3766798.09        0.01675                        471338.62
3766865.52        0.01652
         471411.67    3766831.80        0.01619                        471460.13
3766840.94        0.01608
         471453.11    3766880.27        0.01609                        471524.05
3766845.15        0.01598
         471542.31    3766851.47        0.01594                        473015.63
3767913.38        0.01353
         473085.40    3768000.30        0.01335                        473037.37
3768050.63        0.01335
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 391
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK3   ***
                                 INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
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                 L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                 L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                 L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        0.01339                       472579.11
3768572.78        0.01329
         468876.69    3760856.73        0.16124                       468877.41
3760872.49        0.16178
         468836.56    3760820.18        0.16343                       468916.10
3760787.22        0.15660
         467288.87    3772358.98        0.00821                       467212.83
3772366.58        0.00819
         466930.26    3771522.88        0.00947                       467229.10
3771542.73        0.00945
         467954.03    3771528.72        0.00960                       467908.50
3771580.08        0.00955
         466335.05    3772522.99        0.00821                       474189.68
3773011.06        0.00723
         468146.89    3760234.01        0.17849                       468083.74
3760112.97        0.17591
         467468.53    3758412.46        0.14883                       470144.04
3757934.27        0.05565
         468846.85    3759822.78        0.12410                       471818.84
3757032.99        0.03796
         473670.24    3755859.61        0.02971                       473859.09
3756296.15        0.02976
         475261.57    3755676.95        0.02577                       474899.34
3755738.87        0.02655
         474763.12    3755779.12        0.02688

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 392
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK4 ***

INCLUDING SOURCE(S): L0003546 , L0003547 , L0003548 , L0003549 , L0003550 , L0003551 , L0003552 , L0003553 , L0003554 , L0003555 , L0003556 , L0003557 , L0003558 , L0003559 , L0003560 , L0003561 , L0003562 , L0003563 , L0003564 , L0003565 , L0003566 , L0003567 , L0003568 , L0003569 , L0003570 , L0003571 , L0003572 , L0003573 , . . . ,

*** 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
465370.10	3764407.54	0.27242	465383.87	3764412.76	0.27304
465401.45	3764436.51	0.25990	465402.58	3764410.16	0.27797
465401.09	3764424.54	0.26726	465707.10	3763626.13	0.46786
465720.25	3763639.94	0.46479	465732.08	3763652.44	0.46192
465743.26	3763670.85	0.46102	465752.47	3763683.34	0.45936
465762.99	3763695.83	0.45667	465771.53	3763711.61	0.45587
465789.95	3763743.18	0.45276	465649.89	3763549.86	0.47316
465642.00	3763538.68	0.47357	465628.85	3763513.69	0.47268
465621.61	3763502.52	0.47394	465609.78	3763485.42	0.47505
465599.26	3763471.61	0.47666	465582.82	3763441.36	0.47774
465676.19	3763559.06	0.46222	465700.52	3763547.89	0.44664
465718.93	3763545.91	0.43723	465723.53	3763582.74	0.44365
465734.05	3763574.19	0.43606	465757.73	3763572.22	0.42441
465759.04	3763535.39	0.41727	465743.26	3763540.00	0.42497

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         465764.96    3763482.79        0.40679                    465745.89
3763484.76        0.41443
         465717.62    3763493.31        0.42835                    465704.46
3763496.60        0.43491
         465680.79    3763503.17        0.44645                    465672.25
3763478.84        0.44500
         465663.04    3763463.06        0.44596                    465651.20
3763445.97        0.44808
         465636.08    3763428.21        0.45199                    465652.52
3763417.04        0.44373
         465670.93    3763405.86        0.43335                    465699.20
3763447.28        0.42573
         465707.75    3763468.98        0.42627                    465690.66
3763401.91        0.42485
         465707.75    3763424.93        0.41985                    465730.11
3763417.69        0.41147
         465711.70    3763390.08        0.41697                    465730.11
3763375.61        0.41097
         465748.52    3763405.86        0.40442                    465759.70
3763392.05        0.40061
         465759.04    3763453.86        0.40475                    465772.19
3763445.31        0.39903
         465786.66    3763436.76        0.39363                    465473.67
3763269.09        0.52523
         465484.85    3763283.56        0.51809                    465494.05
3763298.02        0.51240
         465507.20    3763317.75        0.50513                    465513.78
3763331.56        0.50187
         465524.30    3763347.34        0.49667                    465534.82
3763363.77        0.49145
         465543.37    3763376.93        0.48839                    465553.23
3763391.39        0.48407
         465557.83    3763407.17        0.48392                    465570.33
3763422.95        0.48047
         465734.77    3763819.90        0.51511                    465803.72
3763759.50        0.44777
         465813.22    3763774.61        0.44499                    465815.89
3763795.75        0.44735
         465834.62    3763804.85        0.43666                    465852.68
3763808.30        0.42607
         465873.18    3763799.25        0.41321                    465894.89
3763786.89        0.40009
         465910.87    3763778.44        0.39129                    465859.91
3763750.10        0.41321
         465845.74    3763733.22        0.41789                    465835.19
3763717.54        0.42061
         465826.45    3763700.65        0.42175                    465814.08
3763685.27        0.42495
         465802.63    3763664.77        0.42599                    465792.98
3763652.71        0.42808
```

                               *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK4   ***
                                 INCLUDING SOURCE(S):   L0003546   , L0003547
, L0003548   , L0003549   , L0003550   ,
                  L0003551   , L0003552   , L0003553   , L0003554   , L0003555
, L0003556   , L0003557   , L0003558   ,
                  L0003559   , L0003560   , L0003561   , L0003562   , L0003563
, L0003564   , L0003565   , L0003566   ,
                  L0003567   , L0003568   , L0003569   , L0003570   , L0003571
, L0003572   , L0003573   , . . .   ,

                                    *** 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
 -
- -
         465945.90   3763759.17   0.37366   465965.05
3763747.39   0.36309
         465977.82   3763739.53   0.35680   465994.51
3763729.22   0.34980
         466008.75   3763716.45   0.34291   466020.53
3763697.31   0.33759
         465881.58   3763738.06   0.39964   465897.30
3763730.20   0.39034
         465915.46   3763717.93   0.38046   465928.23
3763706.64   0.37375
         465940.99   3763691.91   0.36699   465948.85
3763672.76   0.36173
         465950.81   3763653.61   0.35844   465870.78
3763694.36   0.39642
         465855.07   3763687.49   0.40281   465843.78
3763669.32   0.40516
         465834.45   3763655.57   0.40690   465826.10
3763637.41   0.40731
         465820.21   3763611.38   0.40499   465802.54

3763613.35 0.41378
465777.99 3763570.14 0.41498 465798.12
3763564.25 0.40505
465819.72 3763561.80 0.39601 465838.87
3763604.51 0.39588
465876.67 3763602.06 0.38075 465898.28
3763596.66 0.37192
465887.97 3763627.10 0.37960 465907.61
3763640.84 0.37292
465911.04 3763659.99 0.37400 465946.88
3763634.95 0.35875
465942.96 3763617.28 0.35948 465938.54
3763592.24 0.35882
465917.92 3763594.69 0.36550 465836.90
3763555.90 0.38853
465857.03 3763550.99 0.38057 465877.17
3763550.01 0.37353
465896.80 3763543.63 0.36649 465916.93
3763542.16 0.36030
465933.63 3763538.23 0.35514 465967.01
3763530.86 0.34595
465977.82 3763550.50 0.34349 465981.25
3763569.16 0.34380
465985.67 3763587.33 0.34400 465991.07
3763608.44 0.34369
465995.98 3763624.15 0.34245 466001.87
3763640.35 0.34017
466001.38 3763662.45 0.34113 466011.69
3763677.18 0.33865
465782.90 3763526.94 0.40611 465800.08
3763525.46 0.39884
465828.07 3763519.57 0.38739 465839.85
3763511.72 0.38244
465869.31 3763507.79 0.37172 465874.71
3763489.13 0.36925
465926.75 3763511.22 0.35577 465927.74
3763493.55 0.35520
465442.39 3763223.49 0.54903 465450.32
3763240.18 0.54178
465464.51 3763253.96 0.53183 464510.03
3763571.36 1.47152
464487.21 3763576.49 1.25931 464506.44
3763554.95 1.47006
464493.11 3763544.44 1.35446 464495.67
3763548.03 1.37351
464471.92 3763602.84 1.12119 465080.33
3762842.73 2.53395
465092.34 3762854.19 2.15473 465102.17
3762864.02 1.92316
465114.18 3762873.84 1.72201 465123.45

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3762883.12        1.58761
         465132.73    3762891.31        1.48088                       465143.10
3762900.04        1.38177
         465153.48    3762914.23        1.27769                       465160.57
3762921.88        1.22606
         465173.13    3762932.25        1.15091                       465184.04
3762943.16        1.09017
         465191.14    3762950.80        1.05562                       465204.24
3762960.63        1.00300
         465213.52    3762971.00        0.96588                       465077.60
3762811.62        3.27863
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK4   ***
                                   INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         465090.16    3762794.70        3.33109                       465097.25
3762780.50        3.52452
         465107.63    3762766.86        3.55358                       465115.81
3762751.58        3.76201
         465126.73    3762734.11        3.93598                       465135.46
3762719.37        4.13068
         465144.74    3762701.36        4.49960                       465157.89
3762710.25        3.35436
         465149.18    3762726.68        3.18433                       465140.13
3762741.76        3.07628
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         465129.74    3762758.19        2.98592                    465121.69
3762770.26        2.93264
         465113.64    3762787.69        2.76330                    465102.58
3762801.43        2.76523
         465092.53    3762819.20        2.65790                    465104.93
3762826.57        2.28963
         465114.65    3762832.94        2.06227                    465144.48
3762853.39        1.59589
         465153.87    3762866.80        1.46108                    465163.59
3762873.17        1.37659
         465173.65    3762881.88        1.29362                    465187.39
3762894.29        1.19661
         465192.42    3762902.67        1.15535                    465203.82
3762913.39        1.09256
         465209.85    3762924.12        1.05227                    465223.60
3762934.85        0.99839
         465252.42    3762915.07        0.96360                    465264.16
3762904.68        0.95121
         465279.58    3762897.30        0.92806                    465288.63
3762891.27        0.91706
         465299.02    3762884.90        0.90445                    465313.43
3762874.84        0.88901
         465260.41    3762831.55        1.10140                    465279.90
3762818.56        1.07071
         465309.13    3762802.32        1.02154                    465332.79
3762790.26        0.98352
         465359.24    3762774.95        0.94773                    465390.79
3762709.99        0.98770
         465361.09    3762713.70        1.06172                    465186.17
3762739.22        2.09446
         465203.34    3762727.16        1.98689                    465215.87
3762719.73        1.90048
         465234.89    3762708.13        1.78805                    465248.35
3762704.42        1.68710
         465266.90    3762690.04        1.62046                    465278.97
3762684.93        1.55472
         465294.74    3762673.80        1.49903                    465305.88
3762669.62        1.44487
         465324.44    3762658.95        1.37863                    465335.57
3762651.99        1.34413
         465356.45    3762640.86        1.27799                    465364.80
3762651.53        1.20775
         465369.44    3762663.59        1.15595                    465408.42
3762642.71        1.07460
         465418.16    3762663.59        1.00453                    465548.54
3762581.47        0.86220
         465548.54    3762541.57        0.91878                    465576.84
3762516.05        0.90696
         465608.85    3762507.23        0.86844                    465626.48
3762496.56        0.85776
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         465648.75    3762483.11        0.84605                       465679.84
3762470.58        0.82414
         465697.47    3762453.88        0.82643                       465708.61
3762467.33        0.79578
         465720.21    3762501.67        0.74347                       465706.29
3762507.23        0.75082
         465680.77    3762512.34        0.77124                       465650.15
3762525.79        0.79000
         465621.84    3762530.43        0.81955                       465609.32
3762570.80        0.78842
         465597.72    3762593.07        0.77868                       465466.93
3762523.28        1.16273
         465495.51    3762752.32        0.74717                       465607.32
3762691.54        0.67909
         465638.88    3762732.83        0.62377                       465880.93
3761970.96        2.88832
         465899.06    3761961.89        2.86810                       465918.70
3761949.05        2.72875
         466021.46    3761887.85        2.39418                       466003.33
3761909.00        2.76011
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 395
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK4   ***
                                  INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         465948.93    3761935.45        2.76766                       465938.07
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3762064.51 2.60604
465966.07 3762033.84 3.25198 466006.63
3762068.43 1.90932
465978.83 3762064.10 2.18619 466203.62
3761946.81 2.48902
466279.35 3761913.67 2.41128 466157.86
3761983.09 2.18536
466088.29 3761838.62 2.07677 466150.53
3761817.33 2.21949
466462.09 3761909.65 1.37702 466425.32
3761902.53 1.56979
466363.48 3761988.88 1.19917 466365.47
3762027.07 1.03607
466372.60 3762046.16 0.96241 466413.64
3762063.55 0.86934
466414.21 3762046.16 0.91095 466458.95
3762015.67 0.94150
466437.58 3761986.03 1.06679 466452.97
3761976.62 1.07505
466501.13 3762012.25 0.91297 466519.94
3762058.99 0.79027
466557.27 3762034.19 0.82188 466527.92
3761996.29 0.93727
466518.23 3762033.91 0.85258 466547.01
3762016.52 0.87069
466361.23 3761910.97 1.80703 466392.75
3761859.34 2.51291
466437.01 3761856.66 2.13824 466667.45
3761397.88 1.23606
466654.92 3761408.56 1.20699 466620.57
3761311.09 1.06175
466644.70 3761353.33 1.12678 467171.74
3761628.78 0.71277
467160.82 3761592.16 0.74486 467178.81
3761577.39 0.72224
467217.35 3761552.33 0.67626 467195.67
3761726.98 0.63472
467217.02 3761765.04 0.58866 467244.41
3761802.18 0.54420
466609.01 3760870.30 2.25171 466590.45
3760838.62 1.98536
466550.04 3760856.64 2.94703 466511.26
3760738.68 1.74576
466516.72 3760721.21 1.57807 466484.50
3760653.49 1.42301
466405.86 3760662.23 2.28355 466418.42
3760685.17 2.34888
466436.99 3760693.90 2.15704 466469.21
3760637.11 1.44378
466422.25 3760602.16 1.62284 466442.45

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3760585.77        1.40261
         466331.59    3760843.54        1.69908                        466230.02
3760624.00        2.41056
         466169.95    3760518.60        2.29698                        466228.38
3760625.64        2.34718
         466519.10    3761138.93        1.05295                        466541.38
3761178.39        1.02159
         466448.07    3761006.15        1.34187                        466426.71
3760962.05        1.53605
         466082.34    3759528.59        0.60358                        466025.48
3759415.59        0.60146
         464938.75    3759307.56        0.48618                        464884.77
3759310.77        0.45326
         464807.00    3759384.68        0.39744                        465649.97
3758786.54        0.66734
         465761.16    3758976.01        0.66857                        465106.46
3758565.04        2.46496
         465110.02    3758591.73        2.34311                        465314.61
3758492.99        1.14914
         465402.68    3758645.10        1.01233                        465036.18
3758154.96        1.79798
         465050.42    3758090.91        2.02829                        465045.97
3758063.34        1.89361
         464984.59    3758199.44        1.28286                        464928.55
3758219.90        1.01027
         465206.98    3757892.54        1.66303                        465151.83
3757604.33        1.59299
         465117.13    3757566.08        1.90075                        465094.89
3757499.37        1.64934
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 396
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK4   ***
                                  INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465051.31	3757417.53	1.55465	464972.14	3757605.22	1.89342
464940.11	3757550.07	2.16205	464916.10	3757510.93	2.44937
464894.75	3757478.91	2.71053	464699.94	3757333.02	2.14986
464481.11	3757131.09	1.84047	464361.91	3756866.90	2.11675
464281.85	3756591.14	3.52181	464235.59	3756543.11	2.47087
464253.39	3756616.05	2.15668	464677.39	3755989.20	0.39939
464700.79	3756069.23	0.41611	464752.50	3756072.92	0.39717
464726.64	3756045.84	0.40005	464726.64	3755885.78	0.35427
464709.41	3755930.10	0.37130	464770.97	3755917.79	0.35118
464799.28	3755932.57	0.34752	464903.94	3755872.24	0.30821
464855.92	3755837.76	0.31057	464357.52	3756197.03	0.85195
463971.35	3755883.07	0.97001	463777.74	3756154.12	1.48513
463401.30	3755910.15	1.06664	463310.23	3755300.27	0.94131
463828.59	3755755.84	0.96814	461422.35	3754393.19	1.94504
461581.60	3754502.61	2.40913	461732.84	3754617.38	2.09159
463584.74	3773404.24	0.00714	463565.61	3773428.58	0.00712
463452.60	3772407.95	0.00856	463381.18	3772107.58	0.00907
463456.01	3771996.49	0.00923	463382.72	3771899.28	0.00945
463391.98	3771839.87	0.00954	463450.61	3771836.01	0.00954
463449.07	3771509.67	0.01015	463128.13	3771147.07	0.01107
463081.29	3771178.48	0.01102	463387.17	3770930.69	0.01148

```
         463393.52    3770784.56        0.01186                       464272.60
3770316.61        0.01259
         464292.70    3770216.83        0.01288                       464857.42
3770180.33        0.01276
         464911.10    3770169.59        0.01278                       472010.14
3773350.14        0.00742
         472017.02    3773222.10        0.00754                       472090.00
3771728.63        0.00900
         472065.13    3771814.18        0.00893                       472215.84
3771412.29        0.00920
         472243.69    3771355.59        0.00927                       472254.14
3771342.16        0.00928
         469633.06    3764556.22        0.04680                       469567.11
3764486.31        0.04945
         469724.07    3764529.84        0.04673                       468422.23
3764520.61        0.06782
         468748.02    3764105.13        0.07900                       468964.34
3764293.74        0.06545
         468800.09    3764957.17        0.04701                       469497.47
3764314.56        0.05668
         468138.32    3763601.28        0.11936                       468310.81
3763707.06        0.10941
         471167.46    3765485.21        0.02295                       471211.21
3765490.07        0.02260
         471132.46    3765415.22        0.02344                       471094.55
3765508.54        0.02315
         471117.88    3765508.54        0.02306                       471262.76
3766806.52        0.01683
         471323.17    3766798.09        0.01675                       471338.62
3766865.52        0.01652
         471411.67    3766831.80        0.01619                       471460.13
3766840.94        0.01608
         471453.11    3766880.27        0.01609                       471524.05
3766845.15        0.01598
         471542.31    3766851.47        0.01594                       473015.63
3767913.38        0.01353
         473085.40    3768000.30        0.01335                       473037.37
3768050.63        0.01335
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 397
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK4   ***
                                 INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
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                 L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                 L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                 L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        0.01339                       472579.11
3768572.78        0.01329
         468876.69    3760856.73        0.16124                       468877.41
3760872.49        0.16178
         468836.56    3760820.18        0.16343                       468916.10
3760787.22        0.15660
         467288.87    3772358.98        0.00821                       467212.83
3772366.58        0.00819
         466930.26    3771522.88        0.00947                       467229.10
3771542.73        0.00945
         467954.03    3771528.72        0.00960                       467908.50
3771580.08        0.00955
         466335.05    3772522.99        0.00821                       474189.68
3773011.06        0.00723
         468146.89    3760234.01        0.17849                       468083.74
3760112.97        0.17591
         467468.53    3758412.46        0.14883                       470144.04
3757934.27        0.05565
         468846.85    3759822.78        0.12410                       471818.84
3757032.99        0.03796
         473670.24    3755859.61        0.02971                       473859.09
3756296.15        0.02976
         475261.57    3755676.95        0.02577                       474899.34
3755738.87        0.02655
         474763.12    3755779.12        0.02688

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 398
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK5 ***

INCLUDING SOURCE(S): L0006585 , L0006586 , L0006587 , L0006588 , L0006589 , L0006590 , L0006591 , L0006592 , L0006593 , L0006594 , L0006595 , L0006596 , L0006597 , L0006598 , L0006599 , L0006600 , L0006601 , L0006602 , L0006603 , L0006604 , L0006605 , L0006606 , L0006607 , L0006608 , L0006609 , L0006610 , L0006611 , L0006612 , . . . ,

*** 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
465370.10	3764407.54	0.52936	465383.87	3764412.76	0.52396
465401.45	3764436.51	0.49782	465402.58	3764410.16	0.52250
465401.09	3764424.54	0.50853	465707.10	3763626.13	0.50739
465720.25	3763639.94	0.50901	465732.08	3763652.44	0.50982
465743.26	3763670.85	0.51504	465752.47	3763683.34	0.51681
465762.99	3763695.83	0.51712	465771.53	3763711.61	0.52106
465789.95	3763743.18	0.52493	465649.89	3763549.86	0.48027
465642.00	3763538.68	0.47529	465628.85	3763513.69	0.46130
465621.61	3763502.52	0.45565	465609.78	3763485.42	0.44769
465599.26	3763471.61	0.44164	465582.82	3763441.36	0.42509
465676.19	3763559.06	0.47218	465700.52	3763547.89	0.44937
465718.93	3763545.91	0.43827	465723.53	3763582.74	0.46360
465734.05	3763574.19	0.45124	465757.73	3763572.22	0.43697
465759.04	3763535.39	0.41116	465743.26	3763540.00	0.42181

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         465764.96    3763482.79        0.37591                    465745.89
3763484.76        0.38461
         465717.62    3763493.31        0.40167                    465704.46
3763496.60        0.40962
         465680.79    3763503.17        0.42522                    465672.25
3763478.84        0.41185
         465663.04    3763463.06        0.40486                    465651.20
3763445.97        0.39810
         465636.08    3763428.21        0.39210                    465652.52
3763417.04        0.37873
         465670.93    3763405.86        0.36547                    465699.20
3763447.28        0.38078
         465707.75    3763468.98        0.39074                    465690.66
3763401.91        0.35653
         465707.75    3763424.93        0.36408                    465730.11
3763417.69        0.35201
         465711.70    3763390.08        0.34282                    465730.11
3763375.61        0.32943
         465748.52    3763405.86        0.33960                    465759.70
3763392.05        0.32899
         465759.04    3763453.86        0.36195                    465772.19
3763445.31        0.35267
         465786.66    3763436.76        0.34328                    465473.67
3763269.09        0.34664
         465484.85    3763283.56        0.35184                    465494.05
3763298.02        0.35783
         465507.20    3763317.75        0.36606                    465513.78
3763331.56        0.37280
         465524.30    3763347.34        0.37968                    465534.82
3763363.77        0.38712
         465543.37    3763376.93        0.39305                    465553.23
3763391.39        0.39970
         465557.83    3763407.17        0.40966                    465570.33
3763422.95        0.41630
         465734.77    3763819.90        0.61468                    465803.72
3763759.50        0.52286
         465813.22    3763774.61        0.52300                    465815.89
3763795.75        0.53042
         465834.62    3763804.85        0.51933                    465852.68
3763808.30        0.50629
         465873.18    3763799.25        0.48757                    465894.89
3763786.89        0.46817
         465910.87    3763778.44        0.45488                    465859.91
3763750.10        0.47710
         465845.74    3763733.22        0.47885                    465835.19
3763717.54        0.47813
         465826.45    3763700.65        0.47504                    465814.08
3763685.27        0.47460
         465802.63    3763664.77        0.46997                    465792.98
3763652.71        0.46871
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465783.63   3763638.54   0.46564   465772.47
3763619.24   0.45992

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK5   ***
INCLUDING SOURCE(S):   L0006585   , L0006586
, L0006587   , L0006588   , L0006589   ,
L0006590   , L0006591   , L0006592   , L0006593   , L0006594
, L0006595   , L0006596   , L0006597   ,
L0006598   , L0006599   , L0006600   , L0006601   , L0006602
, L0006603   , L0006604   , L0006605   ,
L0006606   , L0006607   , L0006608   , L0006609   , L0006610
, L0006611   , L0006612   , . . .   ,

*** 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
465945.90	3763759.17	0.42767	465965.05	3763747.39	0.41390
465977.82	3763739.53	0.40506	465994.51	3763729.22	0.39373
466008.75	3763716.45	0.38343	466020.53	3763697.31	0.37227
465881.58	3763738.06	0.45789	465897.30	3763730.20	0.44512
465915.46	3763717.93	0.42975	465928.23	3763706.64	0.41832
465940.99	3763691.91	0.40596	465948.85	3763672.76	0.39460
465950.81	3763653.61	0.38611	465870.78	3763694.36	0.44491
465855.07	3763687.49	0.45071	465843.78	3763669.32	0.44794
465834.45	3763655.57	0.44591	465826.10	3763637.41	0.44047
465820.21	3763611.38	0.42860	465802.54		

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3763613.35        0.43913
         465777.99    3763570.14        0.42512                    465798.12
3763564.25        0.41162
         465819.72    3763561.80        0.40009                    465838.87
3763604.51        0.41506
         465876.67    3763602.06        0.39567                    465898.28
3763596.66        0.38350
         465887.97    3763627.10        0.40292                    465907.61
3763640.84        0.40025
         465911.04    3763659.99        0.40737                    465946.88
3763634.95        0.37992
         465942.96    3763617.28        0.37385                    465938.54
3763592.24        0.36455
         465917.92    3763594.69        0.37413                    465836.90
3763555.90        0.38912
         465857.03    3763550.99        0.37797                    465877.17
3763550.01        0.36936
         465896.80    3763543.63        0.35864                    465916.93
3763542.16        0.35040
         465933.63    3763538.23        0.34264                    465967.01
3763530.86        0.32832
         465977.82    3763550.50        0.33296                    465981.25
3763569.16        0.33932
         465985.67    3763587.33        0.34500                    465991.07
3763608.44        0.35151
         465995.98    3763624.15        0.35587                    466001.87
3763640.35        0.35992
         466001.38    3763662.45        0.36833                    466011.69
3763677.18        0.36934
         465782.90    3763526.94        0.39507                    465800.08
3763525.46        0.38699
         465828.07    3763519.57        0.37250                    465839.85
3763511.72        0.36376
         465869.31    3763507.79        0.35119                    465874.71
3763489.13        0.34021
         465926.75    3763511.22        0.33303                    465927.74
3763493.55        0.32482
         465442.39    3763223.49        0.32956                    465450.32
3763240.18        0.33674
         465464.51    3763253.96        0.34042                    464510.03
3763571.36        2.82684
         464487.21    3763576.49        2.37640                    464506.44
3763554.95        2.53539
         464493.11    3763544.44        2.17543                    464495.67
3763548.03        2.25332
         464471.92    3763602.84        2.31265                    465080.33
3762842.73        0.24174
         465092.34    3762854.19        0.24398                    465102.17
3762864.02        0.24602
         465114.18    3762873.84        0.24773                    465123.45
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3762883.12 0.24946
465132.73 3762891.31 0.25095 465143.10
3762900.04 0.25249
465153.48 3762914.23 0.25565 465160.57
3762921.88 0.25736
465173.13 3762932.25 0.25918 465184.04
3762943.16 0.26130
465191.14 3762950.80 0.26298 465204.24
3762960.63 0.26451
465213.52 3762971.00 0.26677 465077.60
3762811.62 0.23290

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK5 ***
INCLUDING SOURCE(S): L0006585 , L0006586 , L0006587 , L0006588 , L0006589 ,
L0006590 , L0006591 , L0006592 , L0006593 , L0006594 , L0006595 , L0006596 , L0006597 ,
L0006598 , L0006599 , L0006600 , L0006601 , L0006602 , L0006603 , L0006604 , L0006605 ,
L0006606 , L0006607 , L0006608 , L0006609 , L0006610 , L0006611 , L0006612 , . . . ,

*** 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
465090.16	3762794.70	0.22751	465097.25	3762780.50	0.22338
465107.63	3762766.86	0.21917	465115.81	3762751.58	0.21492
465126.73	3762734.11	0.21008	465135.46	3762719.37	0.20620
465144.74	3762701.36	0.20172	465157.89	3762710.25	0.20256
465149.18	3762726.68	0.20673	465140.13	3762741.76	0.21076

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         465129.74    3762758.19        0.21537                    465121.69
3762770.26        0.21888
         465113.64    3762787.69        0.22383                    465102.58
3762801.43        0.22829
         465092.53    3762819.20        0.23377                    465104.93
3762826.57        0.23475
         465114.65    3762832.94        0.23557                    465144.48
3762853.39        0.23840
         465153.87    3762866.80        0.24125                    465163.59
3762873.17        0.24202
         465173.65    3762881.88        0.24349                    465187.39
3762894.29        0.24556
         465192.42    3762902.67        0.24748                    465203.82
3762913.39        0.24942
         465209.85    3762924.12        0.25197                    465223.60
3762934.85        0.25359
         465252.42    3762915.07        0.24416                    465264.16
3762904.68        0.23971
         465279.58    3762897.30        0.23574                    465288.63
3762891.27        0.23299
         465299.02    3762884.90        0.23004                    465313.43
3762874.84        0.22576
         465260.41    3762831.55        0.22093                    465279.90
3762818.56        0.21586
         465309.13    3762802.32        0.20932                    465332.79
3762790.26        0.20456
         465359.24    3762774.95        0.19899                    465390.79
3762709.99        0.18434
         465361.09    3762713.70        0.18724                    465186.17
3762739.22        0.20647
         465203.34    3762727.16        0.20250                    465215.87
3762719.73        0.19989
         465234.89    3762708.13        0.19607                    465248.35
3762704.42        0.19443
         465266.90    3762690.04        0.19039                    465278.97
3762684.93        0.18858
         465294.74    3762673.80        0.18545                    465305.88
3762669.62        0.18393
         465324.44    3762658.95        0.18080                    465335.57
3762651.99        0.17886
         465356.45    3762640.86        0.17562                    465364.80
3762651.53        0.17669
         465369.44    3762663.59        0.17826                    465408.42
3762642.71        0.17229
         465418.16    3762663.59        0.17476                    465548.54
3762581.47        0.15518
         465548.54    3762541.57        0.15056                    465576.84
3762516.05        0.14617
         465608.85    3762507.23        0.14350                    465626.48
3762496.56        0.14146
```

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         465648.75    3762483.11        0.13897                       465679.84
3762470.58        0.13620
         465697.47    3762453.88        0.13381                       465708.61
3762467.33        0.13446
         465720.21    3762501.67        0.13700                       465706.29
3762507.23        0.13826
         465680.77    3762512.34        0.14013                       465650.15
3762525.79        0.14314
         465621.84    3762530.43        0.14520                       465609.32
3762570.80        0.15029
         465597.72    3762593.07        0.15352                       465466.93
3762523.28        0.15300
         465495.51    3762752.32        0.18290                       465607.32
3762691.54        0.16509
         465638.88    3762732.83        0.16832                       465880.93
3761970.96        0.09549
         465899.06    3761961.89        0.09463                       465918.70
3761949.05        0.09354
         466021.46    3761887.85        0.08847                       466003.33
3761909.00        0.08979
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 401
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK5   ***
                                  INCLUDING SOURCE(S):     L0006585    , L0006586
, L0006587    , L0006588    , L0006589    ,
                  L0006590    , L0006591    , L0006592    , L0006593    , L0006594
, L0006595    , L0006596    , L0006597    ,
                  L0006598    , L0006599    , L0006600    , L0006601    , L0006602
, L0006603    , L0006604    , L0006605    ,
                  L0006606    , L0006607    , L0006608    , L0006609    , L0006610
, L0006611    , L0006612    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         465948.93    3761935.45        0.09222                       465938.07
```

3762064.51 0.09859
465966.07 3762033.84 0.09639 466006.63
3762068.43 0.09688
465978.83 3762064.10 0.09744 466203.62
3761946.81 0.08694
466279.35 3761913.67 0.08403 466157.86
3761983.09 0.08935
466088.29 3761838.62 0.08536 466150.53
3761817.33 0.08330
466462.09 3761909.65 0.07973 466425.32
3761902.53 0.08029
466363.48 3761988.88 0.08455 466365.47
3762027.07 0.08586
466372.60 3762046.16 0.08639 466413.64
3762063.55 0.08611
466414.21 3762046.16 0.08546 466458.95
3762015.67 0.08341
466437.58 3761986.03 0.08288 466452.97
3761976.62 0.08222
466501.13 3762012.25 0.08233 466519.94
3762058.99 0.08346
466557.27 3762034.19 0.08186 466527.92
3761996.29 0.08122
466518.23 3762033.91 0.08268 466547.01
3762016.52 0.08150
466361.23 3761910.97 0.08203 466392.75
3761859.34 0.07979
466437.01 3761856.66 0.07876 466667.45
3761397.88 0.06281
466654.92 3761408.56 0.06323 466620.57
3761311.09 0.06163
466644.70 3761353.33 0.06219 467171.74
3761628.78 0.06032
467160.82 3761592.16 0.05969 467178.81
3761577.39 0.05912
467217.35 3761552.33 0.05805 467195.67
3761726.98 0.06189
467217.02 3761765.04 0.06241 467244.41
3761802.18 0.06281
466609.01 3760870.30 0.05207 466590.45
3760838.62 0.05143
466550.04 3760856.64 0.05210 466511.26
3760738.68 0.05031
466516.72 3760721.21 0.04997 466484.50
3760653.49 0.04871
466405.86 3760662.23 0.04969 466418.42
3760685.17 0.04996
466436.99 3760693.90 0.04996 466469.21
3760637.11 0.04846
466422.25 3760602.16 0.04850 466442.45

```
3760585.77        0.04809
         466331.59    3760843.54        0.05439                       466230.02
3760624.00        0.05142
         466169.95    3760518.60        0.05016                       466228.38
3760625.64        0.05149
         466519.10    3761138.93        0.05879                       466541.38
3761178.39        0.05948
         466448.07    3761006.15        0.05631                       466426.71
3760962.05        0.05548
         466082.34    3759528.59        0.03755                       466025.48
3759415.59        0.03711
         464938.75    3759307.56        0.03983                       464884.77
3759310.77        0.03990
         464807.00    3759384.68        0.04062                       465649.97
3758786.54        0.03115
         465761.16    3758976.01        0.03309                       465106.46
3758565.04        0.03281
         465110.02    3758591.73        0.03300                       465314.61
3758492.99        0.03019
         465402.68    3758645.10        0.03109                       465036.18
3758154.96        0.02759
         465050.42    3758090.91        0.02615                       465045.97
3758063.34        0.02543
         464984.59    3758199.44        0.02869                       464928.55
3758219.90        0.02930
         465206.98    3757892.54        0.02511                       465151.83
3757604.33        0.02288
         465117.13    3757566.08        0.02318                       465094.89
3757499.37        0.02292
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 402
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK5   ***
                                 INCLUDING SOURCE(S):     L0006585    , L0006586
, L0006587    , L0006588    , L0006589    ,
                  L0006590    , L0006591    , L0006592    , L0006593    , L0006594
, L0006595    , L0006596    , L0006597    ,
                  L0006598    , L0006599    , L0006600    , L0006601    , L0006602
, L0006603    , L0006604    , L0006605    ,
                  L0006606    , L0006607    , L0006608    , L0006609    , L0006610
, L0006611    , L0006612    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465051.31	3757417.53	0.02337	464972.14	3757605.22	0.02224
464940.11	3757550.07	0.02261	464916.10	3757510.93	0.02299
464894.75	3757478.91	0.02338	464699.94	3757333.02	0.02498
464481.11	3757131.09	0.02486	464361.91	3756866.90	0.02374
464281.85	3756591.14	0.02261	464235.59	3756543.11	0.02244
464253.39	3756616.05	0.02273	464677.39	3755989.20	0.01882
464700.79	3756069.23	0.01926	464752.50	3756072.92	0.01926
464726.64	3756045.84	0.01907	464726.64	3755885.78	0.01807
464709.41	3755930.10	0.01836	464770.97	3755917.79	0.01815
464799.28	3755932.57	0.01814	464903.94	3755872.24	0.01745
464855.92	3755837.76	0.01734	464357.52	3756197.03	0.02061
463971.35	3755883.07	0.01939	463777.74	3756154.12	0.02105
463401.30	3755910.15	0.01998	463310.23	3755300.27	0.01778
463828.59	3755755.84	0.01901	461422.35	3754393.19	0.01609
461581.60	3754502.61	0.01635	461732.84	3754617.38	0.01663
463584.74	3773404.24	0.22611	463565.61	3773428.58	0.21352
463452.60	3772407.95	5.64094	463381.18	3772107.58	3.39101
463456.01	3771996.49	5.39211	463382.72	3771899.28	3.45982
463391.98	3771839.87	4.07772	463450.61	3771836.01	6.17923
463449.07	3771509.67	6.66292	463128.13	3771147.07	0.76897
463081.29	3771178.48	0.68163	463387.17	3770930.69	3.61284

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         463393.52    3770784.56        4.02566                       464272.60
3770316.61        0.35393
         464292.70    3770216.83        0.34822                       464857.42
3770180.33        0.21879
         464911.10    3770169.59        0.21126                       472010.14
3773350.14        0.02393
         472017.02    3773222.10        0.02451                       472090.00
3771728.63        0.03119
         472065.13    3771814.18        0.03098                       472215.84
3771412.29        0.03176
         472243.69    3771355.59        0.03187                       472254.14
3771342.16        0.03189
         469633.06    3764556.22        0.08977                       469567.11
3764486.31        0.09302
         469724.07    3764529.84        0.08982                       468422.23
3764520.61        0.10061
         468748.02    3764105.13        0.11725                       468964.34
3764293.74        0.10540
         468800.09    3764957.17        0.08438                       469497.47
3764314.56        0.09795
         468138.32    3763601.28        0.12834                       468310.81
3763707.06        0.13030
         471167.46    3765485.21        0.06534                       471211.21
3765490.07        0.06499
         471132.46    3765415.22        0.06604                       471094.55
3765508.54        0.06579
         471117.88    3765508.54        0.06560                       471262.76
3766806.52        0.05811
         471323.17    3766798.09        0.05778                       471338.62
3766865.52        0.05738
         471411.67    3766831.80        0.05766                       471460.13
3766840.94        0.05731
         471453.11    3766880.27        0.05701                       471524.05
3766845.15        0.05685
         471542.31    3766851.47        0.05670                       473015.63
3767913.38        0.03742
         473085.40    3768000.30        0.03672                       473037.37
3768050.63        0.03661
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 403
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK5   ***
                                 INCLUDING SOURCE(S):     L0006585    , L0006586
, L0006587    , L0006588    , L0006589    ,
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                 L0006590    , L0006591    , L0006592    , L0006593    , L0006594
, L0006595    , L0006596    , L0006597    ,
                 L0006598    , L0006599    , L0006600    , L0006601    , L0006602
, L0006603    , L0006604    , L0006605    ,
                 L0006606    , L0006607    , L0006608    , L0006609    , L0006610
, L0006611    , L0006612    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        0.03705                       472579.11
3768572.78        0.03686
         468876.69    3760856.73        0.03305                       468877.41
3760872.49        0.03320
         468836.56    3760820.18        0.03302                       468916.10
3760787.22        0.03229
         467288.87    3772358.98        0.06091                       467212.83
3772366.58        0.06196
         466930.26    3771522.88        0.07929                       467229.10
3771542.73        0.07294
         467954.03    3771528.72        0.06243                       467908.50
3771580.08        0.06275
         466335.05    3772522.99        0.07911                       474189.68
3773011.06        0.02019
         468146.89    3760234.01        0.03047                       468083.74
3760112.97        0.02945
         467468.53    3758412.46        0.02135                       470144.04
3757934.27        0.01120
         468846.85    3759822.78        0.02471                       471818.84
3757032.99        0.00727
         473670.24    3755859.61        0.00571                       473859.09
3756296.15        0.00579
         475261.57    3755676.95        0.00529                       474899.34
3755738.87        0.00532
         474763.12    3755779.12        0.00534

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 404
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** 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
465370.10	3764407.54	16.61532	465383.87	3764412.76	16.39637
465401.45	3764436.51	15.03695	465402.58	3764410.16	16.79624
465401.09	3764424.54	15.77351	465707.10	3763626.13	13.83020
465720.25	3763639.94	14.02023	465732.08	3763652.44	14.18872
465743.26	3763670.85	14.60092	465752.47	3763683.34	14.85583
465762.99	3763695.83	15.09208	465771.53	3763711.61	15.55531
465789.95	3763743.18	16.53018	465649.89	3763549.86	12.48452
465642.00	3763538.68	12.28350	465628.85	3763513.69	11.78080
465621.61	3763502.52	11.58053	465609.78	3763485.42	11.29356
465599.26	3763471.61	11.07540	465582.82	3763441.36	10.54347
465676.19	3763559.06	12.32552	465700.52	3763547.89	11.64005
465718.93	3763545.91	11.31949	465723.53	3763582.74	12.20767
465734.05	3763574.19	11.80217	465757.73	3763572.22	11.37058
465759.04	3763535.39	10.51015	465743.26	3763540.00	10.82954

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         465764.96    3763482.79        9.43820                    465745.89
3763484.76        9.68553
         465717.62    3763493.31       10.17176                    465704.46
3763496.60       10.39454
         465680.79    3763503.17       10.82573                    465672.25
3763478.84       10.40557
         465663.04    3763463.06       10.18331                    465651.20
3763445.97        9.96741
         465636.08    3763428.21        9.77075                    465652.52
3763417.04        9.43160
         465670.93    3763405.86        9.08919                    465699.20
3763447.28        9.53538
         465707.75    3763468.98        9.83187                    465690.66
3763401.91        8.86368
         465707.75    3763424.93        9.07713                    465730.11
3763417.69        8.75917
         465711.70    3763390.08        8.51207                    465730.11
3763375.61        8.16839
         465748.52    3763405.86        8.42859                    465759.70
3763392.05        8.14949
         465759.04    3763453.86        9.03622                    465772.19
3763445.31        8.77713
         465786.66    3763436.76        8.51673                    465473.67
3763269.09        8.33614
         465484.85    3763283.56        8.46720                    465494.05
3763298.02        8.61686
         465507.20    3763317.75        8.83109                    465513.78
3763331.56        9.00320
         465524.30    3763347.34        9.19264                    465534.82
3763363.77        9.39932
         465543.37    3763376.93        9.57126                    465553.23
3763391.39        9.76536
         465557.83    3763407.17       10.04027                    465570.33
3763422.95       10.25917
         465734.77    3763819.90       23.59844                    465803.72
3763759.50       16.99540
         465813.22    3763774.61       17.56267                    465815.89
3763795.75       18.74714
         465834.62    3763804.85       18.70618                    465852.68
3763808.30       18.30249
         465873.18    3763799.25       17.13064                    465894.89
3763786.89       15.88674
         465910.87    3763778.44       15.08935                    465859.91
3763750.10       15.05938
         465845.74    3763733.22       14.66067                    465835.19
3763717.54       14.26059
         465826.45    3763700.65       13.80946                    465814.08
3763685.27       13.52511
         465802.63    3763664.77       13.08056                    465792.98
3763652.71       12.89700
```

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                 INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                             *** 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
 -
- -
         465945.90   3763759.17   13.52825   465965.05
3763747.39   12.75294
         465977.82   3763739.53   12.27524   465994.51
3763729.22   11.68692
         466008.75   3763716.45   11.11909   466020.53
3763697.31   10.46837
         465881.58   3763738.06   14.06640   465897.30
3763730.20   13.44301
         465915.46   3763717.93   12.66935   465928.23
3763706.64   12.08610
         465940.99   3763691.91   11.45128   465948.85
3763672.76   10.83228
         465950.81   3763653.61   10.35256   465870.78
3763694.36   12.72224
         465855.07   3763687.49   12.79471   465843.78
3763669.32   12.44235
         465834.45   3763655.57   12.21135   465826.10
3763637.41   11.85998
         465820.21   3763611.38   11.30037   465802.54

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3763613.35       11.63793
         465777.99    3763570.14       11.00803                       465798.12
3763564.25       10.58278
         465819.72    3763561.80       10.22865                       465838.87
3763604.51       10.84622
         465876.67    3763602.06       10.24421                       465898.28
3763596.66        9.85017
         465887.97    3763627.10       10.62294                       465907.61
3763640.84       10.65470
         465911.04    3763659.99       11.06659                       465946.88
3763634.95        9.99496
         465942.96    3763617.28        9.68349                       465938.54
3763592.24        9.26889
         465917.92    3763594.69        9.56248                       465836.90
3763555.90        9.88448
         465857.03    3763550.99        9.53939                       465877.17
3763550.01        9.27877
         465896.80    3763543.63        8.94852                       465916.93
3763542.16        8.70248
         465933.63    3763538.23        8.46827                       465967.01
3763530.86        8.03980
         465977.82    3763550.50        8.20549                       465981.25
3763569.16        8.44062
         465985.67    3763587.33        8.67561                       465991.07
3763608.44        8.97287
         465995.98    3763624.15        9.20352                       466001.87
3763640.35        9.44749
         466001.38    3763662.45        9.91120                       466011.69
3763677.18       10.11133
         465782.90    3763526.94       10.02469                       465800.08
3763525.46        9.78254
         465828.07    3763519.57        9.34556                       465839.85
3763511.72        9.08216
         465869.31    3763507.79        8.70430                       465874.71
3763489.13        8.38438
         465926.75    3763511.22        8.16605                       465927.74
3763493.55        7.92809
         465442.39    3763223.49        7.94431                       465450.32
3763240.18        8.09789
         465464.51    3763253.96        8.19096                       464510.03
3763571.36       14.57449
         464487.21    3763576.49       13.10344                       464506.44
3763554.95       14.19298
         464493.11    3763544.44       13.22351                       464495.67
3763548.03       13.41096
         464471.92    3763602.84       12.43920                       465080.33
3762842.73       13.63824
         465092.34    3762854.19       12.08584                       465102.17
3762864.02       11.15998
         465114.18    3762873.84       10.36632                       465123.45
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3762883.12        9.85159
         465132.73    3762891.31        9.44895                             465143.10
3762900.04        9.08219
         465153.48    3762914.23        8.72410                             465160.57
3762921.88        8.54840
         465173.13    3762932.25        8.29534                             465184.04
3762943.16        8.10051
         465191.14    3762950.80        7.99858                             465204.24
3762960.63        7.83817
         465213.52    3762971.00        7.74342                             465077.60
3762811.62       16.55248
↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 406
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         465090.16    3762794.70       16.55564                             465097.25
3762780.50       17.16338
         465107.63    3762766.86       17.07817                             465115.81
3762751.58       17.68379
         465126.73    3762734.11       18.10439                             465135.46
3762719.37       18.62794
         465144.74    3762701.36       19.71871                             465157.89
3762710.25       15.64062
         465149.18    3762726.68       15.16285                             465140.13
3762741.76       14.89473
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         465129.74    3762758.19       14.70384                    465121.69
3762770.26       14.61506
         465113.64    3762787.69       14.10391                    465102.58
3762801.43       14.24765
         465092.53    3762819.20       13.96509                    465104.93
3762826.57       12.46695
         465114.65    3762832.94       11.55810                    465144.48
3762853.39        9.73726
         465153.87    3762866.80        9.24854                    465163.59
3762873.17        8.93145
         465173.65    3762881.88        8.63196                    465187.39
3762894.29        8.29201
         465192.42    3762902.67        8.16360                    465203.82
3762913.39        7.95861
         465209.85    3762924.12        7.84899                    465223.60
3762934.85        7.67720
         465252.42    3762915.07        7.42924                    465264.16
3762904.68        7.32644
         465279.58    3762897.30        7.18857                    465288.63
3762891.27        7.11035
         465299.02    3762884.90        7.02272                    465313.43
3762874.84        6.90669
         465260.41    3762831.55        7.59757                    465279.90
3762818.56        7.40954
         465309.13    3762802.32        7.12844                    465332.79
3762790.26        6.91419
         465359.24    3762774.95        6.69230                    465390.79
3762709.99        6.58364
         465361.09    3762713.70        6.91100                    465186.17
3762739.22       11.10040
         465203.34    3762727.16       10.62388                    465215.87
3762719.73       10.25278
         465234.89    3762708.13        9.76930                    465248.35
3762704.42        9.36971
         465266.90    3762690.04        9.06278                    465278.97
3762684.93        8.79012
         465294.74    3762673.80        8.53071                    465305.88
3762669.62        8.30371
         465324.44    3762658.95        8.00334                    465335.57
3762651.99        7.84021
         465356.45    3762640.86        7.53275                    465364.80
3762651.53        7.28145
         465369.44    3762663.59        7.10958                    465408.42
3762642.71        6.68982
         465418.16    3762663.59        6.47063                    465548.54
3762581.47        5.53149
         465548.54    3762541.57        5.62548                    465576.84
3762516.05        5.46672
         465608.85    3762507.23        5.25999                    465626.48
3762496.56        5.16501
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         465648.75    3762483.11        5.05397                       465679.84
3762470.58        4.90290
         465697.47    3762453.88        4.83827                       465708.61
3762467.33        4.76526
         465720.21    3762501.67        4.67572                       465706.29
3762507.23        4.73273
         465680.77    3762512.34        4.84718                       465650.15
3762525.79        4.98732
         465621.84    3762530.43        5.14074                       465609.32
3762570.80        5.15946
         465597.72    3762593.07        5.20010                       465466.93
3762523.28        6.59193
         465495.51    3762752.32        5.69004                       465607.32
3762691.54        5.10831
         465638.88    3762732.83        4.99955                       465880.93
3761970.96        8.71531
         465899.06    3761961.89        8.64214                       465918.70
3761949.05        8.28216
         466021.46    3761887.85        7.33200                       466003.33
3761909.00        8.23047
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 407
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL       ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                              *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - -
         465948.93    3761935.45        8.32997                       465938.07
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3762064.51 8.82653
465966.07 3762033.84 10.74767 466006.63
3762068.43 6.78941
465978.83 3762064.10 7.58958 466203.62
3761946.81 8.26418
466279.35 3761913.67 7.89726 466157.86
3761983.09 7.45212
466088.29 3761838.62 6.50647 466150.53
3761817.33 6.83954
466462.09 3761909.65 4.91433 466425.32
3761902.53 5.43982
466363.48 3761988.88 4.55494 466365.47
3762027.07 4.15406
466372.60 3762046.16 3.97399 466413.64
3762063.55 3.73525
466414.21 3762046.16 3.82645 466458.95
3762015.67 3.87694
466437.58 3761986.03 4.17871 466452.97
3761976.62 4.19159
466501.13 3762012.25 3.79423 466519.94
3762058.99 3.51557
466557.27 3762034.19 3.57516 466527.92
3761996.29 3.84378
466518.23 3762033.91 3.65941 466547.01
3762016.52 3.68774
466361.23 3761910.97 6.13014 466392.75
3761859.34 7.98782
466437.01 3761856.66 6.91657 466667.45
3761397.88 3.57164
466654.92 3761408.56 3.57104 466620.57
3761311.09 2.96310
466644.70 3761353.33 3.20826 467171.74
3761628.78 4.60917
467160.82 3761592.16 4.60551 467178.81
3761577.39 4.25294
467217.35 3761552.33 3.79711 467195.67
3761726.98 5.19880
467217.02 3761765.04 5.04782 467244.41
3761802.18 4.67328
466609.01 3760870.30 3.38126 466590.45
3760838.62 3.07378
466550.04 3760856.64 4.04861 466511.26
3760738.68 2.75009
466516.72 3760721.21 2.57090 466484.50
3760653.49 2.35273
466405.86 3760662.23 3.23006 466418.42
3760685.17 3.30892
466436.99 3760693.90 3.12310 466469.21
3760637.11 2.35576
466422.25 3760602.16 2.53015 466442.45

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3760585.77        2.29904
         466331.59    3760843.54        2.80138                       466230.02
3760624.00        3.37254
         466169.95    3760518.60        3.20556                       466228.38
3760625.64        3.31056
         466519.10    3761138.93        2.50566                       466541.38
3761178.39        2.55016
         466448.07    3761006.15        2.59442                       466426.71
3760962.05        2.73518
         466082.34    3759528.59        1.18160                       466025.48
3759415.59        1.17340
         464938.75    3759307.56        1.05532                       464884.77
3759310.77        1.02844
         464807.00    3759384.68        1.00068                       465649.97
3758786.54        1.07705
         465761.16    3758976.01        1.13597                       465106.46
3758565.04        2.93588
         465110.02    3758591.73        2.81766                       465314.61
3758492.99        1.54815
         465402.68    3758645.10        1.42705                       465036.18
3758154.96        2.13641
         465050.42    3758090.91        2.34308                       465045.97
3758063.34        2.19788
         464984.59    3758199.44        1.65081                       464928.55
3758219.90        1.39642
         465206.98    3757892.54        1.96497                       465151.83
3757604.33        1.86151
         465117.13    3757566.08        2.17462                       465094.89
3757499.37        1.91924
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 408
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465051.31	3757417.53	1.83061	464972.14	3757605.22	2.14736
464940.11	3757550.07	2.42301	464916.10	3757510.93	2.71724
464894.75	3757478.91	2.98367	464699.94	3757333.02	2.47062
464481.11	3757131.09	2.15785	464361.91	3756866.90	2.41797
464281.85	3756591.14	3.80410	464235.59	3756543.11	2.75032
464253.39	3756616.05	2.44062	464677.39	3755989.20	0.61227
464700.79	3756069.23	0.63635	464752.50	3756072.92	0.61775
464726.64	3756045.84	0.61724	464726.64	3755885.78	0.55550
464709.41	3755930.10	0.57683	464770.97	3755917.79	0.55381
464799.28	3755932.57	0.55030	464903.94	3755872.24	0.50216
464855.92	3755837.76	0.50236	464357.52	3756197.03	1.10548
463971.35	3755883.07	1.19884	463777.74	3756154.12	1.74103
463401.30	3755910.15	1.30487	463310.23	3755300.27	1.14392
463828.59	3755755.84	1.19014	461422.35	3754393.19	2.12702
461581.60	3754502.61	2.59574	461732.84	3754617.38	2.28204
463584.74	3773404.24	0.31890	463565.61	3773428.58	0.30603
463452.60	3772407.95	5.75426	463381.18	3772107.58	3.51101
463456.01	3771996.49	5.51524	463382.72	3771899.28	3.58528
463391.98	3771839.87	4.20458	463450.61	3771836.01	6.30677
463449.07	3771509.67	6.79939	463128.13	3771147.07	0.91777
463081.29	3771178.48	0.82953	463387.17	3770930.69	3.76895

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         463393.52    3770784.56        4.18777                        464272.60
3770316.61        0.53595
         464292.70    3770216.83        0.53507                        464857.42
3770180.33        0.39914
         464911.10    3770169.59        0.39195                        472010.14
3773350.14        0.80870
         472017.02    3773222.10        0.85725                        472090.00
3771728.63        1.14365
         472065.13    3771814.18        1.10569                        472215.84
3771412.29        0.98070
         472243.69    3771355.59        0.98094                        472254.14
3771342.16        0.99645
         469633.06    3764556.22        1.47973                        469567.11
3764486.31        1.59058
         469724.07    3764529.84        1.46120                        468422.23
3764520.61        2.11515
         468748.02    3764105.13        2.99118                        468964.34
3764293.74        2.40002
         468800.09    3764957.17        1.51236                        469497.47
3764314.56        1.84150
         468138.32    3763601.28        4.53875                        468310.81
3763707.06        5.48375
         471167.46    3765485.21        0.57163                        471211.21
3765490.07        0.55908
         471132.46    3765415.22        0.58288                        471094.55
3765508.54        0.58324
         471117.88    3765508.54        0.57947                        471262.76
3766806.52        0.65201
         471323.17    3766798.09        0.61302                        471338.62
3766865.52        0.63191
         471411.67    3766831.80        0.55943                        471460.13
3766840.94        0.54195
         471453.11    3766880.27        0.56380                        471524.05
3766845.15        0.52109
         471542.31    3766851.47        0.51639                        473015.63
3767913.38        0.45996
         473085.40    3768000.30        0.45007                        473037.37
3768050.63        0.46959
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 409
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL     ***
                                 INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
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                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                          *** 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
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
         472556.24    3768509.87        2.16789                       472579.11
3768572.78        2.00553
         468876.69    3760856.73        0.98394                       468877.41
3760872.49        0.98523
         468836.56    3760820.18        1.00342                       468916.10
3760787.22        0.96466
         467288.87    3772358.98        0.18139                       467212.83
3772366.58        0.18136
         466930.26    3771522.88        0.21954                       467229.10
3771542.73        0.21627
         467954.03    3771528.72        0.21491                       467908.50
3771580.08        0.21392
         466335.05    3772522.99        0.19471                       474189.68
3773011.06        0.17477
         468146.89    3760234.01        1.37624                       468083.74
3760112.97        1.06451
         467468.53    3758412.46        0.46907                       470144.04
3757934.27        1.12276
         468846.85    3759822.78        3.11894                       471818.84
3757032.99        1.58255
         473670.24    3755859.61        1.73584                       473859.09
3756296.15        0.54870
         475261.57    3755676.95        2.92571                       474899.34
3755738.87        4.70965
         474763.12    3755779.12        3.67613

↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 410
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALLIDLE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,

*** 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)
465370.10	3764407.54	88.26123	(14051701)	465383.87	3764412.76	82.68533	(13012219)
465401.45	3764436.51	73.00285	(13012219)	465402.58	3764410.16	79.50516	(13012219)
465401.09	3764424.54	76.28035	(13012219)	465707.10	3763626.13	32.31827	(16123116)
465720.25	3763639.94	30.55465	(16123116)	465732.08	3763652.44	27.80223	(16123116)
465743.26	3763670.85	23.78094	(16123116)	465752.47	3763683.34	20.26359	(16123116)
465762.99	3763695.83	20.32408	(15050221)	465771.53	3763711.61	20.63808	(16010316)
465789.95	3763743.18	24.11962	(16010316)	465649.89	3763549.86	20.32333	(16123116)
465642.00	3763538.68	17.75050	(16041221)	465628.85	3763513.69	17.44908	(14100220)
465621.61	3763502.52	17.44624	(14100220)	465609.78	3763485.42	17.28319	(14100220)
465599.26	3763471.61	16.97721	(14100220)	465582.82	3763441.36	15.82448	(14100220)
465676.19	3763559.06	24.85000	(16123116)	465700.52	3763547.89	24.93337	(16123116)
465718.93	3763545.91	25.38573	(16123116)	465723.53	3763582.74	28.69813	(16123116)
465734.05	3763574.19	27.59422	(16123116)	465757.73	3763572.22	25.78235	(16123116)
465759.04	3763535.39	24.19564	(16123116)	465743.26	3763540.00	24.89525	(16123116)
465764.96	3763482.79	20.31176	(16123116)	465745.89	3763484.76	19.86189	(16123116)

```
        465717.62   3763493.31       19.11230  (16123116)                465704.46
3763496.60       18.44633  (16123116)
        465680.79   3763503.17       16.96836  (16123116)                465672.25
3763478.84       15.28357  (16041221)
        465663.04   3763463.06       15.06704  (16041221)                465651.20
3763445.97       15.15395  (14100220)
        465636.08   3763428.21       15.07544  (14100220)                465652.52
3763417.04       14.53717  (14100220)
        465670.93   3763405.86       13.93585  (14100220)                465699.20
3763447.28       14.08190  (16041221)
        465707.75   3763468.98       15.42980  (16123116)                465690.66
3763401.91       13.35928  (14100220)
        465707.75   3763424.93       13.48693  (16041221)                465730.11
3763417.69       12.83628  (16041221)
        465711.70   3763390.08       12.74147  (16041221)                465730.11
3763375.61       12.18892  (16041221)
        465748.52   3763405.86       12.38736  (16123116)                465759.70
3763392.05       11.98320  (16123116)
        465759.04   3763453.86       17.51102  (16123116)                465772.19
3763445.31       17.35062  (16123116)
        465786.66   3763436.76       17.18589  (16123116)                465473.67
3763269.09       11.64974  (14022703)
        465484.85   3763283.56       11.81180  (15042821)                465494.05
3763298.02       12.24734  (15042821)
        465507.20   3763317.75       12.78916  (15042821)                465513.78
3763331.56       13.12120  (15042821)
        465524.30   3763347.34       13.44329  (15042821)                465534.82
3763363.77       13.69919  (15042821)
        465543.37   3763376.93       13.82792  (15042821)                465553.23
3763391.39       14.07830  (14050722)
        465557.83   3763407.17       14.41626  (14050722)                465570.33
3763422.95       14.91043  (14100220)
        465734.77   3763819.90       31.07861  (16010316)                465803.72
3763759.50       24.04318  (16010316)
        465813.22   3763774.61       23.07466  (16010316)                465815.89
3763795.75       24.86166  (12121716)
        465834.62   3763804.85       27.94330  (12121716)                465852.68
3763808.30       28.93709  (12121716)
        465873.18   3763799.25       26.88389  (12121716)                465894.89
3763786.89       24.38057  (12121716)
        465910.87   3763778.44       22.84176  (12121716)                465859.91
3763750.10       19.47493  (16010316)
        465845.74   3763733.22       20.65230  (16010316)                465835.19
3763717.54       20.63526  (16010316)
        465826.45   3763700.65       19.62574  (16010316)                465814.08
3763685.27       18.00897  (15050221)
        465802.63   3763664.77       18.03885  (15050221)                465792.98
3763652.71       17.91732  (15050221)
        465783.63   3763638.54       19.18809  (16123116)                465772.47
3763619.24       22.69370  (16123116)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALLIDLE ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 ,

*** 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)
465945.90	3763759.17	19.76464	(12121716)	465965.05	3763747.39	18.12428	(12121716)
465977.82	3763739.53	17.11728	(12121716)	465994.51	3763729.22	15.88792	(12121716)
466008.75	3763716.45	14.40563	(12121716)	466020.53	3763697.31	13.20954	(16100718)
465881.58	3763738.06	18.09536	(16010316)	465897.30	3763730.20	17.15807	(16010316)
465915.46	3763717.93	16.23784	(16010316)	465928.23	3763706.64	15.68252	(16010316)
465940.99	3763691.91	15.17746	(16010316)	465948.85	3763672.76	14.84153	(16010316)
465950.81	3763653.61	14.48862	(16010316)	465870.78	3763694.36	18.25615	(16010316)
465855.07	3763687.49	18.21630	(16010316)	465843.78	3763669.32	16.69651	(16010316)
465834.45	3763655.57	16.84713	(15050221)	465826.10	3763637.41	16.69231	(15050221)
465820.21	3763611.38	16.12561	(14082019)	465802.54	3763613.35	18.28493	(16123116)
465777.99	3763570.14	23.75367	(16123116)	465798.12	3763564.25	21.59367	(16123116)
465819.72	3763561.80	19.10897	(16123116)	465838.87			

3763604.51 15.47477 (14082019)
  465876.67 3763602.06 14.66154 (15050221) 465898.28
3763596.66 14.08227 (15050221)
  465887.97 3763627.10 14.73265 (15050221) 465907.61
3763640.84 14.61341 (16010316)
  465911.04 3763659.99 15.65517 (16010316) 465946.88
3763634.95 13.95704 (16010316)
  465942.96 3763617.28 13.19751 (16032319) 465938.54
3763592.24 12.99117 (15050221)
  465917.92 3763594.69 13.56251 (15050221) 465836.90
3763555.90 17.32506 (16123116)
  465857.03 3763550.99 15.24030 (16123116) 465877.17
3763550.01 13.58597 (14082019)
  465896.80 3763543.63 13.10433 (14082019) 465916.93
3763542.16 12.68005 (15050221)
  465933.63 3763538.23 12.37623 (15050221) 465967.01
3763530.86 11.75449 (15050221)
  465977.82 3763550.50 11.78633 (15050221) 465981.25
3763569.16 11.82943 (16032319)
  465985.67 3763587.33 11.95866 (16032319) 465991.07
3763608.44 12.36034 (16010316)
  465995.98 3763624.15 12.69979 (16010316) 466001.87
3763640.35 12.74631 (16010316)
  466001.38 3763662.45 13.11471 (15102418) 466011.69
3763677.18 13.11833 (16100718)
  465782.90 3763526.94 22.74652 (16123116) 465800.08
3763525.46 21.62726 (16123116)
  465828.07 3763519.57 19.39030 (16123116) 465839.85
3763511.72 18.47535 (16123116)
  465869.31 3763507.79 15.91226 (16123116) 465874.71
3763489.13 15.97632 (16123116)
  465926.75 3763511.22 12.04539 (14082019) 465927.74
3763493.55 11.71910 (14082019)
  465442.39 3763223.49 12.22765 (16112816) 465450.32
3763240.18 12.21650 (16112816)
  465464.51 3763253.96 11.69074 (16112816) 464510.03
3763571.36 9.38330 (15021122)
  464487.21 3763576.49 9.11454 (13030118) 464506.44
3763554.95 9.24306 (15021122)
  464493.11 3763544.44 9.01017 (15021122) 464495.67
3763548.03 9.06623 (15021122)
  464471.92 3763602.84 9.21301 (12010418) 465080.33
3762842.73 6.35201 (15042922)
  465092.34 3762854.19 6.44299 (15041503) 465102.17
3762864.02 6.53058 (15041503)
  465114.18 3762873.84 6.62663 (14122717) 465123.45
3762883.12 6.71689 (13112417)
  465132.73 3762891.31 6.82354 (13112417) 465143.10
3762900.04 6.93412 (13112417)
  465153.48 3762914.23 7.07814 (13112417) 465160.57

3762921.88   7.16606 (13112417)
        465173.13   3762932.25   7.32060 (16111317)   465184.04
3762943.16   7.49423 (16111317)
        465191.14   3762950.80   7.61398 (16111317)   465204.24
3762960.63   7.78094 (16111317)
        465213.52   3762971.00   7.92416 (16111317)   465077.60
3762811.62   6.11254 (15041503)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALLIDLE ***
                                  INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                 L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                 L0000014   , L0000015   , L0000016   , L0000017   , L0000018
,

                                          *** 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)
 -
- -
        465090.16   3762794.70   6.02525 (14122717)   465097.25
3762780.50   5.95454 (14122717)
        465107.63   3762766.86   5.90697 (13112417)   465115.81
3762751.58   5.85042 (13112417)
        465126.73   3762734.11   5.77555 (13112417)   465135.46
3762719.37   5.70192 (13112417)
        465144.74   3762701.36   5.65632 (16111317)   465157.89
3762710.25   5.76418 (16111317)
        465149.18   3762726.68   5.81083 (16111317)   465140.13
3762741.76   5.83791 (13112417)
        465129.74   3762758.19   5.92451 (13112417)   465121.69
3762770.26   5.97667 (13112417)
        465113.64   3762787.69   6.05240 (13112417)   465102.58
3762801.43   6.09484 (14122717)
        465092.53   3762819.20   6.18751 (15041503)   465104.93
3762826.57   6.26220 (14122717)

```
        465114.65   3762832.94        6.32896  (13112417)               465144.48
3762853.39        6.58345  (13112417)
        465153.87   3762866.80        6.70409  (13112417)               465163.59
3762873.17        6.79666  (16111317)
        465173.65   3762881.88        6.93450  (16111317)               465187.39
3762894.29        7.11396  (16111317)
        465192.42   3762902.67        7.20893  (16111317)               465203.82
3762913.39        7.35418  (16111317)
        465209.85   3762924.12        7.47069  (16111317)               465223.60
3762934.85        7.60564  (16111317)
        465252.42   3762915.07        7.41192  (16111317)               465264.16
3762904.68        7.27002  (16111317)
        465279.58   3762897.30        7.16770  (13022818)               465288.63
3762891.27        7.09251  (13022818)
        465299.02   3762884.90        6.99789  (13022818)               465313.43
3762874.84        6.83717  (13022818)
        465260.41   3762831.55        6.64558  (16111317)               465279.90
3762818.56        6.51504  (13022818)
        465309.13   3762802.32        6.29062  (13022818)               465332.79
3762790.26        6.17290  (14011405)
        465359.24   3762774.95        6.16738  (14011405)               465390.79
3762709.99        5.77443  (14011405)
        465361.09   3762713.70        5.76327  (14011405)               465186.17
3762739.22        6.02716  (16111317)
        465203.34   3762727.16        5.97848  (16111317)               465215.87
3762719.73        5.92946  (16111317)
        465234.89   3762708.13        5.83074  (16111317)               465248.35
3762704.42        5.77666  (16111317)
        465266.90   3762690.04        5.66961  (13022818)               465278.97
3762684.93        5.62059  (13022818)
        465294.74   3762673.80        5.51220  (13022818)               465305.88
3762669.62        5.44665  (13022818)
        465324.44   3762658.95        5.32458  (14011405)               465335.57
3762651.99        5.33590  (14011405)
        465356.45   3762640.86        5.34202  (14011405)               465364.80
3762651.53        5.41588  (14011405)
        465369.44   3762663.59        5.48922  (14011405)               465408.42
3762642.71        5.37698  (14011405)
        465418.16   3762663.59        5.48631  (12102519)               465548.54
3762581.47        4.89355  (14022703)
        465548.54   3762541.57        4.72691  (14022703)               465576.84
3762516.05        4.56032  (14022703)
        465608.85   3762507.23        4.42084  (16030807)               465626.48
3762496.56        4.34408  (16030807)
        465648.75   3762483.11        4.30129  (15042821)               465679.84
3762470.58        4.31461  (15042821)
        465697.47   3762453.88        4.26828  (15042821)               465708.61
3762467.33        4.32777  (15042821)
        465720.21   3762501.67        4.45850  (15042821)               465706.29
3762507.23        4.48566  (15042821)
```

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        465680.77   3762512.34        4.49436  (15042821)               465650.15
3762525.79        4.49991  (15042821)
        465621.84   3762530.43        4.47694  (16030807)               465609.32
3762570.80        4.66155  (16030807)
        465597.72   3762593.07        4.77846  (16030807)               465466.93
3762523.28        4.74320  (12102519)
        465495.51   3762752.32        5.85632  (14022703)               465607.32
3762691.54        5.25885  (15042821)
        465638.88   3762732.83        5.58891  (15042821)               465880.93
3761970.96        2.92493  (15042821)
        465899.06   3761961.89        2.89189  (15042821)               465918.70
3761949.05        2.84526  (15042821)
        466021.46   3761887.85        2.65066  (14050722)               466003.33
3761909.00        2.69756  (14050722)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 413
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALLIDLE  ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
,

                                          *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465948.93   3761935.45        2.77679  (15042821)               465938.07
3762064.51        3.00678  (14050722)
        465966.07   3762033.84        2.93657  (14050722)               466006.63
3762068.43        2.94144  (14020106)
        465978.83   3762064.10        2.97300  (14050722)               466203.62
3761946.81        2.74060  (14100220)
        466279.35   3761913.67        2.72524  (14100220)               466157.86
3761983.09        2.76834  (13022819)
        466088.29   3761838.62        2.53535  (14020106)               466150.53
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3761817.33 2.46591 (14020106)
466462.09 3761909.65 2.50634 (14100220) 466425.32
3761902.53 2.57672 (14100220)
466363.48 3761988.88 2.75917 (14100220) 466365.47
3762027.07 2.79118 (14100220)
466372.60 3762046.16 2.79195 (14100220) 466413.64
3762063.55 2.74287 (16041221)
466414.21 3762046.16 2.71216 (16041221) 466458.95
3762015.67 2.64678 (16041221)
466437.58 3761986.03 2.60761 (16041221) 466452.97
3761976.62 2.58946 (16041221)
466501.13 3762012.25 2.60426 (16041221) 466519.94
3762058.99 2.62054 (16041221)
466557.27 3762034.19 2.53728 (16041221) 466527.92
3761996.29 2.55449 (16041221)
466518.23 3762033.91 2.60364 (16041221) 466547.01
3762016.52 2.54448 (16041221)
466361.23 3761910.97 2.68020 (14100220) 466392.75
3761859.34 2.59307 (14100220)
466437.01 3761856.66 2.52954 (14100220) 466667.45
3761397.88 1.93902 (14100220)
466654.92 3761408.56 1.95800 (14100220) 466620.57
3761311.09 1.91811 (14100220)
466644.70 3761353.33 1.93467 (14100220) 467171.74
3761628.78 1.81890 (12010803)
467160.82 3761592.16 1.81161 (12010803) 467178.81
3761577.39 1.79122 (12010803)
467217.35 3761552.33 1.75049 (12010803) 467195.67
3761726.98 1.82605 (16043021)
467217.02 3761765.04 1.84296 (12010717) 467244.41
3761802.18 1.89466 (12010717)
466609.01 3760870.30 1.51096 (13022819) 466590.45
3760838.62 1.47230 (13022819)
466550.04 3760856.64 1.46587 (16042224) 466511.26
3760738.68 1.42907 (14020106)
466516.72 3760721.21 1.41858 (14020106) 466484.50
3760653.49 1.38909 (14020106)
466405.86 3760662.23 1.42140 (14050722) 466418.42
3760685.17 1.42810 (14050722)
466436.99 3760693.90 1.42353 (14050722) 466469.21
3760637.11 1.43687 (14050722)
466422.25 3760602.16 1.38678 (14050722) 466442.45
3760585.77 1.37256 (14050722)
466331.59 3760843.54 1.54324 (14050722) 466230.02
3760624.00 1.46427 (15042821)
466169.95 3760518.60 1.41078 (15042821) 466228.38
3760625.64 1.46564 (15042821)
466519.10 3761138.93 1.72508 (13022819) 466541.38
3761178.39 1.78058 (14100220)
466448.07 3761006.15 1.59657 (14020106) 466426.71

3760962.05   1.58154 (14020106)
        466082.34   3759528.59   0.98861 (16030807)   466025.48
3759415.59   0.97053 (14022703)
        464938.75   3759307.56   0.99215 (16111317)   464884.77
3759310.77   0.99923 (16111317)
        464807.00   3759384.68   1.01214 (16111317)   465649.97
3758786.54   1.62063 (16021018)
        465761.16   3758976.01   0.88212 (13103118)   465106.46
3758565.04   0.78820 (13022818)
        465110.02   3758591.73   0.79296 (13022818)   465314.61
3758492.99   0.83820 (13013118)
        465402.68   3758645.10   0.91764 (13013118)   465036.18
3758154.96   1.42182 (12112317)
        465050.42   3758090.91   1.81181 (15031523)   465045.97
3758063.34   2.01832 (16052223)
        464984.59   3758199.44   0.79717 (13022818)   464928.55
3758219.90   0.73938 (13022818)
        465206.98   3757892.54   1.71026 (15031523)   465151.83
3757604.33   1.99979 (15031523)
        465117.13   3757566.08   1.76423 (15031523)   465094.89
3757499.37   1.73483 (15031523)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALLIDLE ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                L0000014   , L0000015   , L0000016   , L0000017   , L0000018
,

                                          *** 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)
 -
- -
        465051.31   3757417.53   1.40562 (16030821)   464972.14
3757605.22   2.50177 (12121304)

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        464940.11   3757550.07        2.08644  (13122717)              464916.10
3757510.93        1.75417  (16032123)
        464894.75   3757478.91        1.54078  (16030821)              464699.94
3757333.02        0.60744  (16111317)
        464481.11   3757131.09        0.57290  (16111317)              464361.91
3756866.90        0.52982  (15111318)
        464281.85   3756591.14        0.50067  (13112417)              464235.59
3756543.11        0.49791  (13112417)
        464253.39   3756616.05        0.50469  (13112417)              464677.39
3755989.20        0.94071  (12112317)
        464700.79   3756069.23        0.88038  (12112317)              464752.50
3756072.92        0.88650  (12112317)
        464726.64   3756045.84        0.92046  (12112317)              464726.64
3755885.78        1.08702  (16032123)
        464709.41   3755930.10        1.03458  (12112317)              464770.97
3755917.79        1.09796  (16030821)
        464799.28   3755932.57        1.12138  (16030821)              464903.94
3755872.24        1.32588  (16052223)
        464855.92   3755837.76        1.33724  (16052223)              464357.52
3756197.03        0.48372  (12011509)
        463971.35   3755883.07        0.43931  (13112417)              463777.74
3756154.12        0.45408  (14122717)
        463401.30   3755910.15        0.42299  (15042922)              463310.23
3755300.27        0.38280  (15052307)
        463828.59   3755755.84        0.42320  (14122717)              461422.35
3754393.19        0.54906  (13041207)
        461581.60   3754502.61        0.51047  (13041207)              461732.84
3754617.38        0.46884  (13041207)
        463584.74   3773404.24        2.69508  (15082306)              463565.61
3773428.58        2.69878  (12070901)
        463452.60   3772407.95        3.17782  (12092204)              463381.18
3772107.58        3.35012  (12010318)
        463456.01   3771996.49        3.40470  (14080404)              463382.72
3771899.28        3.51309  (12010318)
        463391.98   3771839.87        3.54759  (12010318)              463450.61
3771836.01        3.52817  (12010318)
        463449.07   3771509.67        3.76069  (12010318)              463128.13
3771147.07        3.92662  (13092323)
        463081.29   3771178.48        3.89715  (13082802)              463387.17
3770930.69        4.23019  (13090524)
        463393.52   3770784.56        4.35267  (13090524)              464272.60
3770316.61        4.80557  (15101123)
        464292.70   3770216.83        4.89475  (16102320)              464857.42
3770180.33        5.04449  (12081604)
        464911.10   3770169.59        5.04385  (16012220)              472010.14
3773350.14        2.14658  (14083104)
        472017.02   3773222.10        2.18803  (14083104)              472090.00
3771728.63        2.38232  (16092923)
        472065.13   3771814.18        2.36944  (16092923)              472215.84
3771412.29        2.45075  (15072806)
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        472243.69   3771355.59        2.41417  (15072806)               472254.14
3771342.16        2.39255  (15072806)
        469633.06   3764556.22        6.21041  (14073024)               469567.11
3764486.31        6.40766  (12081004)
        469724.07   3764529.84        6.18369  (12081004)               468422.23
3764520.61        3.53284  (16062723)
        468748.02   3764105.13        5.61895  (15090623)               468964.34
3764293.74        5.93522  (12081001)
        468800.09   3764957.17        4.82847  (15082519)               469497.47
3764314.56        6.28011  (12081001)
        468138.32   3763601.28        4.24500  (15082721)               468310.81
3763707.06        4.82769  (15082821)
        471167.46   3765485.21        5.15541  (13051924)               471211.21
3765490.07        5.13393  (13051924)
        471132.46   3765415.22        5.26210  (13091424)               471094.55
3765508.54        5.16777  (13051924)
        471117.88   3765508.54        5.15733  (13051924)               471262.76
3766806.52        4.75385  (12090506)
        471323.17   3766798.09        4.69785  (12090506)               471338.62
3766865.52        4.65774  (12090506)
        471411.67   3766831.80        4.62277  (12090506)               471460.13
3766840.94        4.56145  (12090506)
        471453.11   3766880.27        4.59603  (12090506)               471524.05
3766845.15        4.47082  (13083102)
        471542.31   3766851.47        4.45880  (13083102)               473015.63
3767913.38        2.92725  (12090703)
        473085.40   3768000.30        2.85849  (12090703)               473037.37
3768050.63        2.82403  (16092021)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 415
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALLIDLE  ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87        2.54794  (15090203)               472579.11
3768572.78        2.50548  (15090203)
        468876.69   3760856.73        5.93056  (15052924)               468877.41
3760872.49        5.94267  (15052924)
        468836.56   3760820.18        5.78800  (12010519)               468916.10
3760787.22        5.79647  (15052924)
        467288.87   3772358.98        3.32099  (16081802)               467212.83
3772366.58        3.29063  (16081802)
        466930.26   3771522.88        3.86127  (14091423)               467229.10
3771542.73        3.82473  (16093023)
        467954.03   3771528.72        3.74211  (15082606)               467908.50
3771580.08        3.72134  (15082606)
        466335.05   3772522.99        3.32260  (12070406)               474189.68
3773011.06        1.73387  (14070601)
        468146.89   3760234.01        5.30653  (12083102)               468083.74
3760112.97        5.31249  (12081621)
        467468.53   3758412.46        3.91116  (13090522)               470144.04
3757934.27        3.52413  (14120101)
        468846.85   3759822.78        5.20245  (12091922)               471818.84
3757032.99        2.21418  (12081803)
        473670.24   3755859.61        1.59839  (12081224)               473859.09
3756296.15        1.61087  (15052924)
        475261.57   3755676.95        1.42556  (12081622)               474899.34
3755738.87        1.45415  (15082106)
        474763.12   3755779.12        1.45767  (15082106)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 416
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CNGLIFT  ***
                                  INCLUDING SOURCE(S):     L0000019    , L0000020
, L0000021    , L0000022    , L0000023    ,
                 L0000024    , L0000025    , L0000026    , L0000027    , L0000028
, L0000029    , L0000030    , L0000031    ,
                 L0000032    , L0000033    , L0000034    , L0000035    , L0000036
, L0000037    , L0000038    , L0000039    ,
                 L0000040    , L0000041    , L0000042    , L0000043    , L0000044
, L0000045    , L0000046    ,  . . .      ,
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*** 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)
465370.10	3764407.54	95.10775	(15091002)	465383.87	3764412.76	91.87417	(16092821)
465401.45	3764436.51	81.32141	(16092821)	465402.58	3764410.16	88.41906	(16092821)
465401.09	3764424.54	84.84254	(16092821)	465707.10	3763626.13	32.81130	(16123116)
465720.25	3763639.94	34.21838	(16123116)	465732.08	3763652.44	34.07900	(16123116)
465743.26	3763670.85	32.63826	(16123116)	465752.47	3763683.34	30.28041	(16123116)
465762.99	3763695.83	26.86618	(16123116)	465771.53	3763711.61	23.00174	(16123116)
465789.95	3763743.18	23.42341	(16010316)	465649.89	3763549.86	19.21972	(14100220)
465642.00	3763538.68	19.17349	(14100220)	465628.85	3763513.69	18.54216	(14100220)
465621.61	3763502.52	18.13167	(14100220)	465609.78	3763485.42	17.36224	(14100220)
465599.26	3763471.61	16.58737	(14100220)	465582.82	3763441.36	15.52078	(14050722)
465676.19	3763559.06	18.49495	(16041221)	465700.52	3763547.89	19.79368	(16123116)
465718.93	3763545.91	21.42181	(16123116)	465723.53	3763582.74	27.13648	(16123116)
465734.05	3763574.19	26.44365	(16123116)	465757.73	3763572.22	26.63705	(16123116)
465759.04	3763535.39	22.75985	(16123116)	465743.26	3763540.00	22.49849	(16123116)
465764.96	3763482.79	17.23897	(16123116)	465745.89	3763484.76	15.96144	(16123116)
465717.62	3763493.31	15.42861	(16041221)	465704.46	3763496.60	15.83283	(16041221)
465680.79	3763503.17	16.66547	(14100220)	465672.25	3763478.84	16.39441	(14100220)
465663.04	3763463.06	16.16153	(14100220)	465651.20	3763445.97	15.76645	(14100220)
465636.08	3763428.21	15.14894	(14100220)	465652.52	3763417.04	14.84101	(14100220)
465670.93	3763405.86	14.47554	(14100220)	465699.20	3763447.28	15.03220	(14100220)

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        465707.75   3763468.98       15.10771  (16041221)               465690.66
3763401.91       14.19751  (14100220)
        465707.75   3763424.93       14.37170  (14100220)               465730.11
3763417.69       13.60333  (14100220)
        465711.70   3763390.08       13.58391  (14100220)               465730.11
3763375.61       12.94344  (14100220)
        465748.52   3763405.86       13.02800  (16041221)               465759.70
3763392.05       12.58628  (16041221)
        465759.04   3763453.86       13.77007  (16123116)               465772.19
3763445.31       13.94928  (16123116)
        465786.66   3763436.76       14.16441  (16123116)               465473.67
3763269.09       13.44561  (16112816)
        465484.85   3763283.56       13.27749  (16112816)               465494.05
3763298.02       13.09315  (16112816)
        465507.20   3763317.75       12.66347  (14022703)               465513.78
3763331.56       12.83802  (14022703)
        465524.30   3763347.34       13.32749  (15042821)               465534.82
3763363.77       13.85944  (15042821)
        465543.37   3763376.93       14.23423  (15042821)               465553.23
3763391.39       14.60013  (15042821)
        465557.83   3763407.17       15.00979  (15042821)               465570.33
3763422.95       15.21352  (15042821)
        465734.77   3763819.90       35.65473  (16010316)               465803.72
3763759.50       25.41512  (16010316)
        465813.22   3763774.61       26.17214  (16010316)               465815.89
3763795.75       26.48573  (16010316)
        465834.62   3763804.85       24.40132  (12121716)               465852.68
3763808.30       26.13886  (12121716)
        465873.18   3763799.25       24.29578  (12121716)               465894.89
3763786.89       21.89007  (12121716)
        465910.87   3763778.44       20.45134  (12121716)               465859.91
3763750.10       22.13380  (16010316)
        465845.74   3763733.22       21.75421  (16010316)               465835.19
3763717.54       20.32362  (16010316)
        465826.45   3763700.65       19.54454  (15050221)               465814.08
3763685.27       19.52059  (15050221)
        465802.63   3763664.77       21.62041  (16123116)               465792.98
3763652.71       24.39053  (16123116)
        465783.63   3763638.54       26.73490  (16123116)               465772.47
3763619.24       28.49092  (16123116)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 417
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CNGLIFT  ***
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                                  INCLUDING SOURCE(S):     L0000019    , L0000020
, L0000021    , L0000022    , L0000023    ,
                  L0000024    , L0000025    , L0000026    , L0000027    , L0000028
, L0000029    , L0000030    , L0000031    ,
                  L0000032    , L0000033    , L0000034    , L0000035    , L0000036
, L0000037    , L0000038    , L0000039    ,
                  L0000040    , L0000041    , L0000042    , L0000043    , L0000044
, L0000045    , L0000046    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465945.90   3763759.17       17.68963  (16121116)                465965.05
3763747.39       16.57713  (16121116)
        465977.82   3763739.53       15.88667  (16121116)                465994.51
3763729.22       15.20096  (16100718)
        466008.75   3763716.45       14.65169  (16100718)                466020.53
3763697.31       14.02878  (15102418)
        465881.58   3763738.06       20.53939  (16010316)                465897.30
3763730.20       19.50551  (16010316)
        465915.46   3763717.93       18.33174  (16010316)                465928.23
3763706.64       17.50354  (16010316)
        465940.99   3763691.91       16.61574  (16010316)                465948.85
3763672.76       15.68145  (16010316)
        465950.81   3763653.61       14.67676  (16010316)                465870.78
3763694.36       17.99291  (16010316)
        465855.07   3763687.49       18.14069  (15050221)                465843.78
3763669.32       18.13546  (15050221)
        465834.45   3763655.57       17.90603  (15050221)                465826.10
3763637.41       19.86184  (16123116)
        465820.21   3763611.38       22.38246  (16123116)                465802.54
3763613.35       24.75704  (16123116)
        465777.99   3763570.14       26.05174  (16123116)                465798.12
3763564.25       24.78069  (16123116)
        465819.72   3763561.80       23.20298  (16123116)                465838.87
3763604.51       20.10956  (16123116)
        465876.67   3763602.06       15.43125  (14082019)                465898.28
3763596.66       14.79695  (14082019)
        465887.97   3763627.10       15.80635  (15050221)                465907.61
3763640.84       15.56940  (15050221)
        465911.04   3763659.99       15.66974  (16032319)                465946.88
3763634.95       14.29661  (16032319)
        465942.96   3763617.28       14.22242  (15050221)                465938.54
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3763592.24       13.92836  (15050221)
        465917.92   3763594.69       14.38321  (15050221)               465836.90
3763555.90       21.70801  (16123116)
        465857.03   3763550.99       19.87810  (16123116)               465877.17
3763550.01       17.87536  (16123116)
        465896.80   3763543.63       16.09127  (16123116)               465916.93
3763542.16       14.10778  (16123116)
        465933.63   3763538.23       12.96984  (14082019)               465967.01
3763530.86       12.27451  (14082019)
        465977.82   3763550.50       12.47559  (15050221)               465981.25
3763569.16       12.71910  (15050221)
        465985.67   3763587.33       12.82331  (15050221)               465991.07
3763608.44       12.91600  (16032319)
        465995.98   3763624.15       12.99934  (16032319)               466001.87
3763640.35       13.43969  (16010316)
        466001.38   3763662.45       14.01978  (16010316)               466011.69
3763677.18       13.89776  (15102418)
        465782.90   3763526.94       22.56946  (16123116)               465800.08
3763525.46       22.50209  (16123116)
        465828.07   3763519.57       21.51917  (16123116)               465839.85
3763511.72       20.75722  (16123116)
        465869.31   3763507.79       19.10656  (16123116)               465874.71
3763489.13       18.58076  (16123116)
        465926.75   3763511.22       14.48253  (16123116)               465927.74
3763493.55       14.93847  (16123116)
        465442.39   3763223.49       13.07659  (16112816)               465450.32
3763240.18       13.40048  (16112816)
        465464.51   3763253.96       13.39145  (16112816)               464510.03
3763571.36        8.87635  (13030118)
        464487.21   3763576.49        8.70681  (12010418)               464506.44
3763554.95        8.75742  (15021122)
        464493.11   3763544.44        8.55303  (15021122)               464495.67
3763548.03        8.59880  (15021122)
        464471.92   3763602.84        8.75043  (12010418)               465080.33
3762842.73        6.39282  (15042922)
        465092.34   3762854.19        6.47729  (15042922)               465102.17
3762864.02        6.54785  (15042922)
        465114.18   3762873.84        6.60515  (15042922)               465123.45
3762883.12        6.65409  (15042922)
        465132.73   3762891.31        6.69245  (15042922)               465143.10
3762900.04        6.77127  (15041503)
        465153.48   3762914.23        6.89444  (15041503)               465160.57
3762921.88        6.97812  (14122717)
        465173.13   3762932.25        7.10126  (13112417)               465184.04
3762943.16        7.24600  (13112417)
        465191.14   3762950.80        7.34641  (13112417)               465204.24
3762960.63        7.48036  (13112417)
        465213.52   3762971.00        7.60072  (16111317)               465077.60
3762811.62        6.15844  (15042922)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CNGLIFT ***
                                INCLUDING SOURCE(S):   L0000019   , L0000020
, L0000021   , L0000022   , L0000023   ,
                  L0000024   , L0000025   , L0000026   , L0000027   , L0000028
, L0000029   , L0000030   , L0000031   ,
                  L0000032   , L0000033   , L0000034   , L0000035   , L0000036
, L0000037   , L0000038   , L0000039   ,
                  L0000040   , L0000041   , L0000042   , L0000043   , L0000044
, L0000045   , L0000046   , . . .   ,

                                                *** 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)
 -
- -
        465090.16   3762794.70   6.03318 (15042922)   465097.25
3762780.50   5.91998 (15042922)
        465107.63   3762766.86   5.80187 (15041503)   465115.81
3762751.58   5.72312 (15041503)
        465126.73   3762734.11   5.63796 (14122717)   465135.46
3762719.37   5.57649 (13112417)
        465144.74   3762701.36   5.51690 (13112417)   465157.89
3762710.25   5.59449 (13112417)
        465149.18   3762726.68   5.66233 (13112417)   465140.13
3762741.76   5.71081 (13112417)
        465129.74   3762758.19   5.78217 (14122717)   465121.69
3762770.26   5.84034 (15041503)
        465113.64   3762787.69   5.93809 (15041503)   465102.58
3762801.43   6.05709 (15042922)
        465092.53   3762819.20   6.20387 (15042922)   465104.93
3762826.57   6.23781 (15042922)
        465114.65   3762832.94   6.25835 (15042922)   465144.48
3762853.39   6.41781 (14122717)
        465153.87   3762866.80   6.53398 (14122717)   465163.59
3762873.17   6.61048 (13112417)
        465173.65   3762881.88   6.72210 (13112417)   465187.39
3762894.29   6.86655 (13112417)

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        465192.42   3762902.67        6.94818  (13112417)               465203.82
3762913.39        7.06467  (13112417)
        465209.85   3762924.12        7.18845  (16111317)               465223.60
3762934.85        7.38398  (16111317)
        465252.42   3762915.07        7.36738  (16111317)               465264.16
3762904.68        7.29674  (16111317)
        465279.58   3762897.30        7.22790  (16111317)               465288.63
3762891.27        7.15674  (16111317)
        465299.02   3762884.90        7.06642  (16111317)               465313.43
3762874.84        6.93491  (13022818)
        465260.41   3762831.55        6.68564  (16111317)               465279.90
3762818.56        6.57124  (16111317)
        465309.13   3762802.32        6.37574  (13022818)               465332.79
3762790.26        6.24725  (13022818)
        465359.24   3762774.95        6.02340  (13022818)               465390.79
3762709.99        5.68566  (14011405)
        465361.09   3762713.70        5.60832  (13022818)               465186.17
3762739.22        5.82484  (16111317)
        465203.34   3762727.16        5.84385  (16111317)               465215.87
3762719.73        5.84348  (16111317)
        465234.89   3762708.13        5.81696  (16111317)               465248.35
3762704.42        5.81064  (16111317)
        465266.90   3762690.04        5.71651  (16111317)               465278.97
3762684.93        5.66345  (16111317)
        465294.74   3762673.80        5.55810  (13022818)               465305.88
3762669.62        5.52919  (13022818)
        465324.44   3762658.95        5.43745  (13022818)               465335.57
3762651.99        5.36703  (13022818)
        465356.45   3762640.86        5.22280  (13022818)               465364.80
3762651.53        5.25159  (14011405)
        465369.44   3762663.59        5.33654  (14011405)               465408.42
3762642.71        5.34669  (14011405)
        465418.16   3762663.59        5.47339  (14011405)               465548.54
3762581.47        4.91263  (13103118)
        465548.54   3762541.57        4.74514  (13103118)               465576.84
3762516.05        4.62086  (14022703)
        465608.85   3762507.23        4.53780  (14022703)               465626.48
3762496.56        4.45043  (14022703)
        465648.75   3762483.11        4.32634  (14022703)               465679.84
3762470.58        4.21347  (16030807)
        465697.47   3762453.88        4.17275  (15042821)               465708.61
3762467.33        4.25688  (15042821)
        465720.21   3762501.67        4.42344  (15042821)               465706.29
3762507.23        4.42478  (15042821)
        465680.77   3762512.34        4.38380  (15042821)               465650.15
3762525.79        4.47423  (16030807)
        465621.84   3762530.43        4.58857  (14022703)               465609.32
3762570.80        4.78377  (14022703)
        465597.72   3762593.07        4.90877  (14022703)               465466.93
3762523.28        4.79094  (12102519)
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        465495.51   3762752.32        5.90416  (12102519)               465607.32
3762691.54        5.31514  (14022703)
        465638.88   3762732.83        5.45762  (15042821)               465880.93
3761970.96        2.93608  (15042821)
        465899.06   3761961.89        2.91641  (15042821)               465918.70
3761949.05        2.88302  (15042821)
        466021.46   3761887.85        2.66203  (14050722)               466003.33
3761909.00        2.71486  (15042821)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 419
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CNGLIFT  ***
                                INCLUDING SOURCE(S):     L0000019    , L0000020
, L0000021    , L0000022    , L0000023    ,
                  L0000024    , L0000025    , L0000026    , L0000027    , L0000028
, L0000029    , L0000030    , L0000031    ,
                  L0000032    , L0000033    , L0000034    , L0000035    , L0000036
, L0000037    , L0000038    , L0000039    ,
                  L0000040    , L0000041    , L0000042    , L0000043    , L0000044
, L0000045    , L0000046    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465948.93   3761935.45        2.83493  (15042821)               465938.07
3762064.51        3.05827  (15042821)
        465966.07   3762033.84        2.96022  (15042821)               466006.63
3762068.43        2.98834  (14050722)
        465978.83   3762064.10        2.99744  (14050722)               466203.62
3761946.81        2.68272  (13022819)
        466279.35   3761913.67        2.69112  (14100220)               466157.86
3761983.09        2.69861  (14020106)
        466088.29   3761838.62        2.56863  (14050722)               466150.53
3761817.33        2.49014  (14020106)
        466462.09   3761909.65        2.58852  (14100220)               466425.32
3761902.53        2.63591  (14100220)
        466363.48   3761988.88        2.81117  (14100220)               466365.47
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3762027.07 2.85985 (14100220)
466372.60 3762046.16 2.87339 (14100220) 466413.64
3762063.55 2.81203 (14100220)
466414.21 3762046.16 2.79669 (14100220) 466458.95
3762015.67 2.67333 (14100220)
466437.58 3761986.03 2.70202 (14100220) 466452.97
3761976.62 2.66327 (14100220)
466501.13 3762012.25 2.63395 (16041221) 466519.94
3762058.99 2.67932 (16041221)
466557.27 3762034.19 2.60620 (16041221) 466527.92
3761996.29 2.59370 (16041221)
466518.23 3762033.91 2.65141 (16041221) 466547.01
3762016.52 2.60132 (16041221)
466361.23 3761910.97 2.70183 (14100220) 466392.75
3761859.34 2.61698 (14100220)
466437.01 3761856.66 2.57899 (14100220) 466667.45
3761397.88 1.97247 (14100220)
466654.92 3761408.56 1.98930 (14100220) 466620.57
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466644.70 3761353.33 1.95236 (14100220) 467171.74
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467160.82 3761592.16 1.90066 (12010803) 467178.81
3761577.39 1.91025 (12010803)
467217.35 3761552.33 1.94631 (16043021) 467195.67
3761726.98 1.91835 (16043021)
467217.02 3761765.04 1.88922 (16043021) 467244.41
3761802.18 1.90146 (12010717)
466609.01 3760870.30 1.74459 (16042224) 466590.45
3760838.62 1.89910 (16093021)
466550.04 3760856.64 1.87885 (14020106) 466511.26
3760738.68 1.95642 (16093021)
466516.72 3760721.21 1.97908 (16093021) 466484.50
3760653.49 2.30661 (16093021)
466405.86 3760662.23 2.00913 (14050722) 466418.42
3760685.17 2.02596 (14050722)
466436.99 3760693.90 2.02718 (14050722) 466469.21
3760637.11 2.40269 (16093021)
466422.25 3760602.16 2.08471 (14050722) 466442.45
3760585.77 2.11791 (14050722)
466331.59 3760843.54 1.65606 (14050722) 466230.02
3760624.00 1.56407 (15042821)
466169.95 3760518.60 1.48434 (15042821) 466228.38
3760625.64 1.56421 (15042821)
466519.10 3761138.93 1.71931 (13022819) 466541.38
3761178.39 1.77587 (13022819)
466448.07 3761006.15 1.73142 (14020106) 466426.71
3760962.05 1.78487 (14020106)
466082.34 3759528.59 1.26683 (15050122) 466025.48
3759415.59 1.06455 (14022703)
464938.75 3759307.56 0.99590 (16111317) 464884.77

3759310.77   0.99762 (16111317)
        464807.00   3759384.68   1.00226 (16111317)   465649.97
3758786.54   1.88028 (16021018)
        465761.16   3758976.01   1.43422 (16021018)   465106.46
3758565.04   0.79486 (13022818)
        465110.02   3758591.73   0.79986 (13022818)   465314.61
3758492.99   1.37432 (13092520)
        465402.68   3758645.10   1.44925 (15012921)   465036.18
3758154.96   1.66688 (16030821)
        465050.42   3758090.91   2.04969 (16052223)   465045.97
3758063.34   2.25166 (16013106)
        464984.59   3758199.44   1.28412 (12112317)   464928.55
3758219.90   0.94449 (16111317)
        465206.98   3757892.54   1.96169 (15031523)   465151.83
3757604.33   2.23948 (14072222)
        465117.13   3757566.08   1.96051 (15031523)   465094.89
3757499.37   1.92235 (15031523)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: CNGLIFT ***
                                  INCLUDING SOURCE(S):   L0000019   , L0000020
, L0000021   , L0000022   , L0000023   ,
                  L0000024   , L0000025   , L0000026   , L0000027   , L0000028
, L0000029   , L0000030   , L0000031   ,
                  L0000032   , L0000033   , L0000034   , L0000035   , L0000036
, L0000037   , L0000038   , L0000039   ,
                  L0000040   , L0000041   , L0000042   , L0000043   , L0000044
, L0000045   , L0000046   , . . .   ,

                                                *** 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)
 -
- -
        465051.31   3757417.53   1.62121 (16052223)   464972.14
3757605.22   2.72116 (15061604)
        464940.11   3757550.07   2.30740 (13122717)   464916.10
3757510.93   1.97855 (13122717)

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        464894.75   3757478.91        1.75957  (16032123)              464699.94
3757333.02        0.67412  (16111317)
        464481.11   3757131.09        0.56614  (16111317)              464361.91
3756866.90        0.52768  (13112417)
        464281.85   3756591.14        0.50188  (13112417)              464235.59
3756543.11        0.49810  (13112417)
        464253.39   3756616.05        0.50505  (13112417)              464677.39
3755989.20        1.08855  (14011819)
        464700.79   3756069.23        1.00277  (12112317)              464752.50
3756072.92        1.01520  (12112317)
        464726.64   3756045.84        1.04010  (12112317)              464726.64
3755885.78        1.25242  (16060105)
        464709.41   3755930.10        1.18986  (14011819)              464770.97
3755917.79        1.26260  (16032123)
        464799.28   3755932.57        1.28195  (16032123)              464903.94
3755872.24        1.47331  (16013106)
        464855.92   3755837.76        1.49699  (13122717)              464357.52
3756197.03        0.51919  (15111318)
        463971.35   3755883.07        0.59627  (14121717)              463777.74
3756154.12        0.45170  (14122717)
        463401.30   3755910.15        0.44175  (15042922)              463310.23
3755300.27        0.57214  (16032221)
        463828.59   3755755.84        0.61659  (14121717)              461422.35
3754393.19        0.56181  (13041207)
        461581.60   3754502.61        0.52660  (13041207)              461732.84
3754617.38        0.48749  (13041207)
        463584.74   3773404.24        2.70367  (15082306)              463565.61
3773428.58        2.69601  (15082306)
        463452.60   3772407.95        3.17197  (12092204)              463381.18
3772107.58        3.35037  (12010318)
        463456.01   3771996.49        3.39156  (12010318)              463382.72
3771899.28        3.45290  (12010318)
        463391.98   3771839.87        3.47964  (12010318)              463450.61
3771836.01        3.53256  (12010318)
        463449.07   3771509.67        3.69467  (15091901)              463128.13
3771147.07        3.90533  (13082802)
        463081.29   3771178.48        3.91191  (13082802)              463387.17
3770930.69        4.19360  (13090524)
        463393.52   3770784.56        4.25670  (13090524)              464272.60
3770316.61        4.82059  (15101123)
        464292.70   3770216.83        4.91665  (15101123)              464857.42
3770180.33        5.10122  (12081604)
        464911.10   3770169.59        5.01713  (12081604)              472010.14
3773350.14        2.15469  (14083104)
        472017.02   3773222.10        2.22121  (14083104)              472090.00
3771728.63        2.44272  (16092923)
        472065.13   3771814.18        2.40741  (16092923)              472215.84
3771412.29        2.50548  (15072806)
        472243.69   3771355.59        2.48811  (15072806)              472254.14
3771342.16        2.47147  (15072806)
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        469633.06   3764556.22        6.52440  (14073024)               469567.11
3764486.31        6.72343  (12081004)
        469724.07   3764529.84        6.47339  (12081004)               468422.23
3764520.61        4.24636  (15080523)
        468748.02   3764105.13        6.20400  (15090623)               468964.34
3764293.74        6.49626  (12081001)
        468800.09   3764957.17        5.41021  (15082519)               469497.47
3764314.56        6.61926  (12081001)
        468138.32   3763601.28        5.09259  (13020218)               468310.81
3763707.06        5.54801  (15082821)
        471167.46   3765485.21        5.22262  (13051924)               471211.21
3765490.07        5.19280  (13051924)
        471132.46   3765415.22        5.30921  (13091424)               471094.55
3765508.54        5.23354  (13051924)
        471117.88   3765508.54        5.22326  (13051924)               471262.76
3766806.52        4.79048  (12090506)
        471323.17   3766798.09        4.75005  (12090506)               471338.62
3766865.52        4.67985  (12090506)
        471411.67   3766831.80        4.66372  (12090506)               471460.13
3766840.94        4.60662  (12090506)
        471453.11   3766880.27        4.62612  (12090506)               471524.05
3766845.15        4.50973  (12090506)
        471542.31   3766851.47        4.48884  (12090506)               473015.63
3767913.38        3.00977  (12090703)
        473085.40   3768000.30        2.93218  (12090703)               473037.37
3768050.63        2.90680  (16092021)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 421
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  CNGLIFT  ***
                                INCLUDING SOURCE(S):     L0000019    , L0000020
, L0000021    , L0000022    , L0000023    ,
                  L0000024    , L0000025    , L0000026    , L0000027    , L0000028
, L0000029    , L0000030    , L0000031    ,
                  L0000032    , L0000033    , L0000034    , L0000035    , L0000036
, L0000037    , L0000038    , L0000039    ,
                  L0000040    , L0000041    , L0000042    , L0000043    , L0000044
, L0000045    , L0000046    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87        2.65457  (15090203)               472579.11
3768572.78        2.60467  (15090203)
        468876.69   3760856.73        6.06205  (15052924)               468877.41
3760872.49        6.10186  (15052924)
        468836.56   3760820.18        5.98999  (12010519)               468916.10
3760787.22        5.96680  (12010519)
        467288.87   3772358.98        3.30836  (16081802)               467212.83
3772366.58        3.24431  (14091423)
        466930.26   3771522.88        3.80496  (14091423)               467229.10
3771542.73        3.79964  (16093023)
        467954.03   3771528.72        3.76016  (15082606)               467908.50
3771580.08        3.67360  (15082606)
        466335.05   3772522.99        3.26604  (14050323)               474189.68
3773011.06        1.79142  (14070601)
        468146.89   3760234.01        5.56812  (15091023)               468083.74
3760112.97        5.52524  (12083121)
        467468.53   3758412.46        3.99404  (13090522)               470144.04
3757934.27        3.50556  (14120101)
        468846.85   3759822.78        5.40120  (12091922)               471818.84
3757032.99        2.17154  (12081803)
        473670.24   3755859.61        1.62642  (12081224)               473859.09
3756296.15        1.58496  (15052924)
        475261.57   3755676.95        1.41231  (12081622)               474899.34
3755738.87        1.44997  (15082106)
        474763.12   3755779.12        1.43708  (15082106)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 422
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DSLEXC   ***
                                  INCLUDING SOURCE(S):     L0000196    , L0000197
, L0000198    , L0000199    , L0000200    ,
                  L0000201    , L0000202    , L0000203    , L0000204    , L0000205
, L0000206    , L0000207    , L0000208    ,
                  L0000209    , L0000210    , L0000211    , L0000212    , L0000213
, L0000214    , L0000215    , L0000216    ,
                  L0000217    , L0000218    , L0000219    , L0000220    , L0000221
, L0000222    , L0000223    ,  . . .      ,
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*** 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)
465370.10	3764407.54	93.32138	(14081205)	465383.87	3764412.76	91.31874	(15091002)
465401.45	3764436.51	83.09928	(15091002)	465402.58	3764410.16	90.22199	(15091002)
465401.09	3764424.54	86.48858	(15091002)	465707.10	3763626.13	29.25611	(16123116)
465720.25	3763639.94	31.50803	(16123116)	465732.08	3763652.44	32.48016	(16123116)
465743.26	3763670.85	32.66189	(16123116)	465752.47	3763683.34	31.57210	(16123116)
465762.99	3763695.83	29.39356	(16123116)	465771.53	3763711.61	26.63502	(16123116)
465789.95	3763743.18	21.04049	(16010316)	465649.89	3763549.86	18.59444	(16040918)
465642.00	3763538.68	18.30685	(16040918)	465628.85	3763513.69	17.11956	(16040918)
465621.61	3763502.52	16.44822	(16040918)	465609.78	3763485.42	15.43437	(14100220)
465599.26	3763471.61	14.76051	(14050722)	465582.82	3763441.36	14.22103	(15042821)
465676.19	3763559.06	17.51666	(16040918)	465700.52	3763547.89	16.83882	(16123116)
465718.93	3763545.91	18.39871	(16123116)	465723.53	3763582.74	23.79998	(16123116)
465734.05	3763574.19	23.28974	(16123116)	465757.73	3763572.22	23.98169	(16123116)
465759.04	3763535.39	20.00473	(16123116)	465743.26	3763540.00	19.58994	(16123116)
465764.96	3763482.79	14.91933	(16123116)	465745.89	3763484.76	13.72295	(16123116)
465717.62	3763493.31	14.21259	(14100220)	465704.46	3763496.60	14.68796	(14100220)
465680.79	3763503.17	15.52558	(16040918)	465672.25	3763478.84	15.00160	(14100220)
465663.04	3763463.06	14.63905	(14100220)	465651.20	3763445.97	14.14922	(14100220)
465636.08	3763428.21	13.49603	(14100220)	465652.52	3763417.04	13.26749	(14100220)
465670.93	3763405.86	13.00134	(14100220)	465699.20	3763447.28	13.84611	(14100220)

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        465707.75   3763468.98       14.10803  (14100220)               465690.66
3763401.91       12.84713  (14100220)
        465707.75   3763424.93       13.20892  (14100220)               465730.11
3763417.69       12.65649  (14100220)
        465711.70   3763390.08       12.38488  (14100220)               465730.11
3763375.61       11.87152  (14100220)
        465748.52   3763405.86       12.07869  (14100220)               465759.70
3763392.05       11.63220  (14100220)
        465759.04   3763453.86       12.64943  (16041221)               465772.19
3763445.31       12.25029  (16041221)
        465786.66   3763436.76       12.27474  (16123116)               465473.67
3763269.09       13.12073  (16112816)
        465484.85   3763283.56       13.16958  (16112816)               465494.05
3763298.02       13.18637  (16112816)
        465507.20   3763317.75       13.02797  (16112816)               465513.78
3763331.56       12.96426  (16112816)
        465524.30   3763347.34       12.60557  (16112816)               465534.82
3763363.77       12.36649  (15042821)
        465543.37   3763376.93       12.74990  (15042821)               465553.23
3763391.39       13.15309  (15042821)
        465557.83   3763407.17       13.58273  (15042821)               465570.33
3763422.95       13.91345  (15042821)
        465734.77   3763819.90       33.82289  (16010316)               465803.72
3763759.50       23.47318  (16010316)
        465813.22   3763774.61       24.85990  (16010316)               465815.89
3763795.75       26.09653  (16010316)
        465834.62   3763804.85       24.54726  (16010316)               465852.68
3763808.30       23.59637  (12121716)
        465873.18   3763799.25       21.98772  (12121716)               465894.89
3763786.89       19.84894  (12121716)
        465910.87   3763778.44       18.68464  (16121116)               465859.91
3763750.10       21.08417  (16010316)
        465845.74   3763733.22       20.10251  (16010316)               465835.19
3763717.54       18.38032  (16010316)
        465826.45   3763700.65       18.13577  (15050221)               465814.08
3763685.27       20.59758  (16123116)
        465802.63   3763664.77       23.92470  (16123116)               465792.98
3763652.71       25.84082  (16123116)
        465783.63   3763638.54       27.13840  (16123116)               465772.47
3763619.24       27.55799  (16123116)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 423
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DSLEXC   ***
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                                  INCLUDING SOURCE(S):     L0000196    , L0000197
, L0000198    , L0000199    , L0000200    ,
                  L0000201    , L0000202    , L0000203    , L0000204    , L0000205
, L0000206    , L0000207    , L0000208    ,
                  L0000209    , L0000210    , L0000211    , L0000212    , L0000213
, L0000214    , L0000215    , L0000216    ,
                  L0000217    , L0000218    , L0000219    , L0000220    , L0000221
, L0000222    , L0000223    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465945.90   3763759.17       16.59362  (16121116)                465965.05
3763747.39       15.51364  (16121116)
        465977.82   3763739.53       14.84639  (16121116)                465994.51
3763729.22       14.03636  (16100718)
        466008.75   3763716.45       13.50553  (15102418)                466020.53
3763697.31       12.99684  (16010316)
        465881.58   3763738.06       19.56717  (16010316)                465897.30
3763730.20       18.60234  (16010316)
        465915.46   3763717.93       17.43592  (16010316)                465928.23
3763706.64       16.56900  (16010316)
        465940.99   3763691.91       15.60465  (16010316)                465948.85
3763672.76       14.53116  (16010316)
        465950.81   3763653.61       13.43553  (16032319)                465870.78
3763694.36       16.50278  (15050221)
        465855.07   3763687.49       16.89394  (15050221)                465843.78
3763669.32       17.09737  (16123116)
        465834.45   3763655.57       19.52077  (16123116)                465826.10
3763637.41       21.70742  (16123116)
        465820.21   3763611.38       23.06330  (16123116)                465802.54
3763613.35       24.86790  (16123116)
        465777.99   3763570.14       23.93771  (16123116)                465798.12
3763564.25       23.17479  (16123116)
        465819.72   3763561.80       22.23200  (16123116)                465838.87
3763604.51       21.12492  (16123116)
        465876.67   3763602.06       16.93942  (16123116)                465898.28
3763596.66       14.81395  (16123116)
        465887.97   3763627.10       14.47685  (14082019)                465907.61
3763640.84       14.41883  (15050221)
        465911.04   3763659.99       14.66091  (15050221)                465946.88
3763634.95       13.34470  (15050221)
        465942.96   3763617.28       13.17726  (15050221)                465938.54
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3763592.24       12.76616  (15050221)
        465917.92   3763594.69       13.19957  (14082019)               465836.90
3763555.90       21.11966  (16123116)
        465857.03   3763550.99       19.74958  (16123116)               465877.17
3763550.01       18.25541  (16123116)
        465896.80   3763543.63       16.75870  (16123116)               465916.93
3763542.16       15.12351  (16123116)
        465933.63   3763538.23       13.84642  (16123116)               465967.01
3763530.86       11.42450  (16123116)
        465977.82   3763550.50       11.39428  (14082019)               465981.25
3763569.16       11.68726  (15050221)
        465985.67   3763587.33       11.87866  (15050221)               465991.07
3763608.44       12.00126  (15050221)
        465995.98   3763624.15       12.04689  (16032319)               466001.87
3763640.35       12.44710  (16010316)
        466001.38   3763662.45       13.22639  (16010316)               466011.69
3763677.18       13.25781  (16010316)
        465782.90   3763526.94       20.12326  (16123116)               465800.08
3763525.46       20.35150  (16123116)
        465828.07   3763519.57       19.91002  (16123116)               465839.85
3763511.72       19.30290  (16123116)
        465869.31   3763507.79       18.28486  (16123116)               465874.71
3763489.13       17.54613  (16123116)
        465926.75   3763511.22       15.00704  (16123116)               465927.74
3763493.55       15.11932  (16123116)
        465442.39   3763223.49       12.29112  (16112816)               465450.32
3763240.18       12.70661  (16112816)
        465464.51   3763253.96       12.90527  (16112816)               464510.03
3763571.36        7.84747  (13030118)
        464487.21   3763576.49        7.71456  (12010418)               464506.44
3763554.95        7.74100  (15021122)
        464493.11   3763544.44        7.56241  (15021122)               464495.67
3763548.03        7.60258  (15021122)
        464471.92   3763602.84        7.73533  (12010418)               465080.33
3762842.73        5.72742  (15042922)
        465092.34   3762854.19        5.81496  (15042922)               465102.17
3762864.02        5.90070  (15022217)
        465114.18   3762873.84        5.98450  (15022217)               465123.45
3762883.12        6.05914  (15022217)
        465132.73   3762891.31        6.11539  (15022217)               465143.10
3762900.04        6.16421  (15022217)
        465153.48   3762914.23        6.26824  (15022217)               465160.57
3762921.88        6.31043  (15022217)
        465173.13   3762932.25        6.33678  (15041503)               465184.04
3762943.16        6.44069  (13112417)
        465191.14   3762950.80        6.53354  (13112417)               465204.24
3762960.63        6.66327  (13112417)
        465213.52   3762971.00        6.77892  (13112417)               465077.60
3762811.62        5.52505  (15042922)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLEXC   ***
                                INCLUDING SOURCE(S):   L0000196   , L0000197
, L0000198   , L0000199   , L0000200   ,
                  L0000201   , L0000202   , L0000203   , L0000204   , L0000205
, L0000206   , L0000207   , L0000208   ,
                  L0000209   , L0000210   , L0000211   , L0000212   , L0000213
, L0000214   , L0000215   , L0000216   ,
                  L0000217   , L0000218   , L0000219   , L0000220   , L0000221
, L0000222   , L0000223   , . . .   ,

                                          *** 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)
 -
- -
        465090.16   3762794.70   5.43578 (15042922)   465097.25
3762780.50   5.35034 (15042922)
        465107.63   3762766.86   5.25582 (15042922)   465115.81
3762751.58   5.14931 (15042922)
        465126.73   3762734.11   5.04602 (15041503)   465135.46
3762719.37   4.97442 (14122717)
        465144.74   3762701.36   4.91518 (13112417)   465157.89
3762710.25   4.98939 (13112417)
        465149.18   3762726.68   5.04393 (13112417)   465140.13
3762741.76   5.09219 (14122717)
        465129.74   3762758.19   5.17571 (15041503)   465121.69
3762770.26   5.24999 (15042922)
        465113.64   3762787.69   5.37516 (15042922)   465102.58
3762801.43   5.47454 (15042922)
        465092.53   3762819.20   5.58355 (15042922)   465104.93
3762826.57   5.63113 (15042922)
        465114.65   3762832.94   5.66457 (15042922)   465144.48
3762853.39   5.75168 (15042922)
        465153.87   3762866.80   5.84533 (15041503)   465163.59
3762873.17   5.89492 (15041503)
        465173.65   3762881.88   5.97907 (13112417)   465187.39
3762894.29   6.11484 (13112417)

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        465192.42   3762902.67        6.19026  (13112417)               465203.82
3762913.39        6.30372  (13112417)
        465209.85   3762924.12        6.39872  (13112417)               465223.60
3762934.85        6.56155  (16111317)
        465252.42   3762915.07        6.56718  (16111317)               465264.16
3762904.68        6.51971  (16111317)
        465279.58   3762897.30        6.48286  (16111317)               465288.63
3762891.27        6.43658  (16111317)
        465299.02   3762884.90        6.37770  (16111317)               465313.43
3762874.84        6.27178  (16111317)
        465260.41   3762831.55        5.98140  (16111317)               465279.90
3762818.56        5.90813  (16111317)
        465309.13   3762802.32        5.76365  (16111317)               465332.79
3762790.26        5.63413  (13022818)
        465359.24   3762774.95        5.48409  (13022818)               465390.79
3762709.99        5.07197  (14011405)
        465361.09   3762713.70        5.11369  (13022818)               465186.17
3762739.22        5.18807  (16111317)
        465203.34   3762727.16        5.20594  (16111317)               465215.87
3762719.73        5.20971  (16111317)
        465234.89   3762708.13        5.19752  (16111317)               465248.35
3762704.42        5.20311  (16111317)
        465266.90   3762690.04        5.14019  (16111317)               465278.97
3762684.93        5.10880  (16111317)
        465294.74   3762673.80        5.03070  (16111317)               465305.88
3762669.62        4.98712  (16111317)
        465324.44   3762658.95        4.90209  (13022818)               465335.57
3762651.99        4.85450  (13022818)
        465356.45   3762640.86        4.75749  (13022818)               465364.80
3762651.53        4.78483  (13022818)
        465369.44   3762663.59        4.82903  (13022818)               465408.42
3762642.71        4.77727  (14011405)
        465418.16   3762663.59        4.89551  (14011405)               465548.54
3762581.47        4.43669  (13103118)
        465548.54   3762541.57        4.28083  (13103118)               465576.84
3762516.05        4.14851  (14022703)
        465608.85   3762507.23        4.09863  (14022703)               465626.48
3762496.56        4.03586  (14022703)
        465648.75   3762483.11        3.94621  (14022703)               465679.84
3762470.58        3.82059  (14022703)
        465697.47   3762453.88        3.74426  (15042821)               465708.61
3762467.33        3.81801  (15042821)
        465720.21   3762501.67        3.96757  (15042821)               465706.29
3762507.23        3.96784  (15042821)
        465680.77   3762512.34        3.94761  (16030807)               465650.15
3762525.79        4.08009  (14022703)
        465621.84   3762530.43        4.16182  (14022703)               465609.32
3762570.80        4.33148  (14022703)
        465597.72   3762593.07        4.43518  (14022703)               465466.93
3762523.28        4.30528  (14011405)
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        465495.51   3762752.32        5.48126  (16112816)               465607.32
3762691.54        4.83726  (14022703)
        465638.88   3762732.83        4.90567  (14022703)               465880.93
3761970.96        2.63995  (15042821)
        465899.06   3761961.89        2.62519  (15042821)               465918.70
3761949.05        2.59908  (15042821)
        466021.46   3761887.85        2.42416  (15042821)               466003.33
3761909.00        2.47491  (15042821)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 425
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DSLEXC   ***
                                  INCLUDING SOURCE(S):     L0000196    , L0000197
, L0000198    , L0000199    , L0000200    ,
                  L0000201    , L0000202    , L0000203    , L0000204    , L0000205
, L0000206    , L0000207    , L0000208    ,
                  L0000209    , L0000210    , L0000211    , L0000212    , L0000213
, L0000214    , L0000215    , L0000216    ,
                  L0000217    , L0000218    , L0000219    , L0000220    , L0000221
, L0000222    , L0000223    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465948.93   3761935.45        2.56396  (15042821)               465938.07
3762064.51        2.77709  (15042821)
        465966.07   3762033.84        2.69804  (15042821)               466006.63
3762068.43        2.70004  (14050722)
        465978.83   3762064.10        2.71977  (15042821)               466203.62
3761946.81        2.41558  (13022819)
        466279.35   3761913.67        2.41738  (14100220)               466157.86
3761983.09        2.45395  (14020106)
        466088.29   3761838.62        2.32254  (14050722)               466150.53
3761817.33        2.24848  (14050722)
        466462.09   3761909.65        2.35366  (14100220)               466425.32
3761902.53        2.38297  (14100220)
        466363.48   3761988.88        2.53601  (14100220)               466365.47
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3762027.07 2.58629 (14100220)
466372.60 3762046.16 2.60462 (14100220) 466413.64
3762063.55 2.57174 (14100220)
466414.21 3762046.16 2.55333 (14100220) 466458.95
3762015.67 2.45536 (14100220)
466437.58 3761986.03 2.46310 (14100220) 466452.97
3761976.62 2.43257 (14100220)
466501.13 3762012.25 2.37623 (16041221) 466519.94
3762058.99 2.42693 (16041221)
466557.27 3762034.19 2.36708 (16041221) 466527.92
3761996.29 2.34285 (16041221)
466518.23 3762033.91 2.39754 (16041221) 466547.01
3762016.52 2.35665 (16041221)
466361.23 3761910.97 2.42937 (14100220) 466392.75
3761859.34 2.35387 (14100220)
466437.01 3761856.66 2.32831 (14100220) 466667.45
3761397.88 1.88004 (14100220)
466654.92 3761408.56 1.89331 (14100220) 466620.57
3761311.09 1.80677 (14100220)
466644.70 3761353.33 1.85211 (14100220) 467171.74
3761628.78 1.93920 (16043021)
467160.82 3761592.16 1.97684 (16011021) 467178.81
3761577.39 2.02811 (16011021)
467217.35 3761552.33 2.12499 (15041821) 467195.67
3761726.98 2.03343 (16043021)
467217.02 3761765.04 1.93607 (16043021) 467244.41
3761802.18 1.88150 (16043021)
466609.01 3760870.30 1.99678 (16093021) 466590.45
3760838.62 2.17919 (16093021)
466550.04 3760856.64 2.18202 (16093021) 466511.26
3760738.68 2.25824 (16093021)
466516.72 3760721.21 2.24642 (16093021) 466484.50
3760653.49 2.54606 (14022322)
466405.86 3760662.23 2.20498 (16072701) 466418.42
3760685.17 2.22746 (16093021)
466436.99 3760693.90 2.26164 (16093021) 466469.21
3760637.11 2.69636 (15032922)
466422.25 3760602.16 2.33250 (16072701) 466442.45
3760585.77 2.36058 (14022322)
466331.59 3760843.54 1.77560 (14050722) 466230.02
3760624.00 1.65052 (15042821)
466169.95 3760518.60 1.55548 (15042821) 466228.38
3760625.64 1.64940 (15042821)
466519.10 3761138.93 1.72451 (16042224) 466541.38
3761178.39 1.74104 (16042224)
466448.07 3761006.15 1.89573 (16093021) 466426.71
3760962.05 1.94226 (16093021)
466082.34 3759528.59 1.48377 (15050122) 466025.48
3759415.59 1.17792 (14031621)
464938.75 3759307.56 0.89572 (16111317) 464884.77

3759310.77   0.89530 (16111317)
        464807.00   3759384.68   0.89922 (16111317)   465649.97
3758786.54   2.01988 (12092920)
        465761.16   3758976.01   1.63406 (16021018)   465106.46
3758565.04   0.71612 (13022818)
        465110.02   3758591.73   0.72074 (13022818)   465314.61
3758492.99   1.51664 (13092520)
        465402.68   3758645.10   1.64637 (16091920)   465036.18
3758154.96   1.80907 (16052223)
        465050.42   3758090.91   2.15229 (13122717)   465045.97
3758063.34   2.32873 (13122717)
        464984.59   3758199.44   1.39682 (12112317)   464928.55
3758219.90   1.07676 (12112317)
        465206.98   3757892.54   2.06912 (14072222)   465151.83
3757604.33   2.29539 (14072222)
        465117.13   3757566.08   2.05611 (14072222)   465094.89
3757499.37   2.01439 (14072222)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLEXC   ***
                                  INCLUDING SOURCE(S):   L0000196   , L0000197
, L0000198   , L0000199   , L0000200   ,
                  L0000201   , L0000202   , L0000203   , L0000204   , L0000205
, L0000206   , L0000207   , L0000208   ,
                  L0000209   , L0000210   , L0000211   , L0000212   , L0000213
, L0000214   , L0000215   , L0000216   ,
                  L0000217   , L0000218   , L0000219   , L0000220   , L0000221
, L0000222   , L0000223   , . . .   ,

                                                 *** 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)
 -
- -
        465051.31   3757417.53   1.72402 (16013106)   464972.14
3757605.22   2.68583 (15061604)
        464940.11   3757550.07   2.33291 (15061604)   464916.10
3757510.93   2.05596 (13122717)

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        464894.75   3757478.91        1.86767  (13122717)              464699.94
3757333.02        0.71008  (16111317)
        464481.11   3757131.09        0.50961  (16111317)              464361.91
3756866.90        0.47584  (13112417)
        464281.85   3756591.14        0.46029  (13112417)              464235.59
3756543.11        0.45632  (13112417)
        464253.39   3756616.05        0.45479  (13112417)              464677.39
3755989.20        1.19049  (14011819)
        464700.79   3756069.23        1.12388  (14011819)              464752.50
3756072.92        1.10774  (14011819)
        464726.64   3756045.84        1.15146  (14011819)              464726.64
3755885.78        1.34216  (16060105)
        464709.41   3755930.10        1.29005  (16060105)              464770.97
3755917.79        1.34523  (13122717)
        464799.28   3755932.57        1.36510  (13122717)              464903.94
3755872.24        1.52319  (13122717)
        464855.92   3755837.76        1.54409  (13122717)              464357.52
3756197.03        0.55793  (15111318)
        463971.35   3755883.07        0.70742  (13031420)              463777.74
3756154.12        0.41920  (15041503)
        463401.30   3755910.15        0.46657  (15042922)              463310.23
3755300.27        0.67240  (12091505)
        463828.59   3755755.84        0.72041  (13031420)              461422.35
3754393.19        0.51507  (13041207)
        461581.60   3754502.61        0.49128  (13041207)              461732.84
3754617.38        0.46415  (13041207)
        463584.74   3773404.24        2.41586  (15082306)              463565.61
3773428.58        2.40562  (15082306)
        463452.60   3772407.95        2.83240  (12092204)              463381.18
3772107.58        2.98773  (12010318)
        463456.01   3771996.49        3.04698  (12010318)              463382.72
3771899.28        3.06826  (12010318)
        463391.98   3771839.87        3.09270  (15091901)              463450.61
3771836.01        3.15280  (12010318)
        463449.07   3771509.67        3.33352  (15091901)              463128.13
3771147.07        3.51098  (13082802)
        463081.29   3771178.48        3.49437  (13082802)              463387.17
3770930.69        3.74143  (13090524)
        463393.52   3770784.56        3.79272  (13090524)              464272.60
3770316.61        4.33389  (15101123)
        464292.70   3770216.83        4.42504  (15101123)              464857.42
3770180.33        4.59294  (12081604)
        464911.10   3770169.59        4.56722  (12081604)              472010.14
3773350.14        1.97200  (14083104)
        472017.02   3773222.10        2.03120  (14083104)              472090.00
3771728.63        2.24711  (16092923)
        472065.13   3771814.18        2.21247  (16092923)              472215.84
3771412.29        2.31144  (15072806)
        472243.69   3771355.59        2.30259  (15072806)              472254.14
3771342.16        2.29072  (15072806)
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        469633.06   3764556.22        6.17190  (14073024)               469567.11
3764486.31        6.34906  (12081004)
        469724.07   3764529.84        6.10676  (12081004)               468422.23
3764520.61        4.68905  (13082722)
        468748.02   3764105.13        6.23693  (14071224)               468964.34
3764293.74        6.42025  (12081001)
        468800.09   3764957.17        5.46528  (15082519)               469497.47
3764314.56        6.28366  (12081001)
        468138.32   3763601.28        5.53893  (13020218)               468310.81
3763707.06        5.94761  (12081924)
        471167.46   3765485.21        4.74327  (13051924)               471211.21
3765490.07        4.70790  (13051924)
        471132.46   3765415.22        4.81716  (13091424)               471094.55
3765508.54        4.76935  (13051924)
        471117.88   3765508.54        4.75673  (13051924)               471262.76
3766806.52        4.33568  (12090506)
        471323.17   3766798.09        4.29858  (12090506)               471338.62
3766865.52        4.23759  (12090506)
        471411.67   3766831.80        4.20856  (12090506)               471460.13
3766840.94        4.15902  (12090506)
        471453.11   3766880.27        4.17491  (12090506)               471524.05
3766845.15        4.07967  (12090506)
        471542.31   3766851.47        4.06139  (12090506)               473015.63
3767913.38        2.78281  (12090703)
        473085.40   3768000.30        2.71388  (12090703)               473037.37
3768050.63        2.69107  (15081005)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 427
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DSLEXC   ***
                                INCLUDING SOURCE(S):     L0000196    , L0000197
, L0000198    , L0000199    , L0000200    ,
                  L0000201    , L0000202    , L0000203    , L0000204    , L0000205
, L0000206    , L0000207    , L0000208    ,
                  L0000209    , L0000210    , L0000211    , L0000212    , L0000213
, L0000214    , L0000215    , L0000216    ,
                  L0000217    , L0000218    , L0000219    , L0000220    , L0000221
, L0000222    , L0000223    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87        2.49464  (15090203)               472579.11
3768572.78        2.44994  (15090203)
        468876.69   3760856.73        5.62519  (12010519)               468877.41
3760872.49        5.63691  (15052924)
        468836.56   3760820.18        5.55686  (12010519)               468916.10
3760787.22        5.54128  (12010519)
        467288.87   3772358.98        2.95271  (16081802)               467212.83
3772366.58        2.91534  (14091423)
        466930.26   3771522.88        3.38680  (14091423)               467229.10
3771542.73        3.38943  (16093023)
        467954.03   3771528.72        3.38560  (15082606)               467908.50
3771580.08        3.30241  (15082606)
        466335.05   3772522.99        2.94366  (14050323)               474189.68
3773011.06        1.66132  (14070601)
        468146.89   3760234.01        5.26917  (15091023)               468083.74
3760112.97        5.24553  (12083121)
        467468.53   3758412.46        3.73628  (13090522)               470144.04
3757934.27        3.11753  (14120101)
        468846.85   3759822.78        4.98061  (12091922)               471818.84
3757032.99        1.94860  (13083024)
        473670.24   3755859.61        1.46209  (12081224)               473859.09
3756296.15        1.41742  (12010519)
        475261.57   3755676.95        1.25716  (12081622)               474899.34
3755738.87        1.29132  (15082106)
        474763.12   3755779.12        1.27980  (15082106)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 428
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DSLLIFT  ***
                                  INCLUDING SOURCE(S):     L0000100    , L0000101
, L0000102    , L0000103    , L0000104    ,
                L0000105    , L0000106    , L0000107    , L0000108    , L0000109
, L0000110    , L0000111    , L0000112    ,
                L0000113    , L0000114    , L0000115    , L0000116    , L0000117
, L0000118    , L0000119    , L0000120    ,
                L0000121    , L0000122    , L0000123    , L0000124    , L0000125
, L0000126    , L0000127    ,  . . .      ,
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*** 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)
465370.10	3764407.54	95.97584	(14112518)	465383.87	3764412.76	93.29410	(15091002)
465401.45	3764436.51	84.14457	(16092821)	465402.58	3764410.16	91.54239	(16092821)
465401.09	3764424.54	87.60953	(16092821)	465707.10	3763626.13	31.93717	(16123116)
465720.25	3763639.94	34.22371	(16123116)	465732.08	3763652.44	34.94141	(16123116)
465743.26	3763670.85	34.49886	(16123116)	465752.47	3763683.34	32.74455	(16123116)
465762.99	3763695.83	29.76682	(16123116)	465771.53	3763711.61	26.16285	(16123116)
465789.95	3763743.18	23.05428	(15050221)	465649.89	3763549.86	19.70201	(14100220)
465642.00	3763538.68	19.51642	(14100220)	465628.85	3763513.69	18.63428	(14100220)
465621.61	3763502.52	18.11282	(14100220)	465609.78	3763485.42	17.18542	(14100220)
465599.26	3763471.61	16.33439	(14020106)	465582.82	3763441.36	15.68126	(15042821)
465676.19	3763559.06	18.85346	(16041221)	465700.52	3763547.89	18.04120	(16123116)
465718.93	3763545.91	19.87874	(16123116)	465723.53	3763582.74	25.96380	(16123116)
465734.05	3763574.19	25.41543	(16123116)	465757.73	3763572.22	26.16982	(16123116)
465759.04	3763535.39	21.81394	(16123116)	465743.26	3763540.00	21.30743	(16123116)
465764.96	3763482.79	16.08186	(16123116)	465745.89	3763484.76	14.80595	(16041221)
465717.62	3763493.31	15.71759	(16041221)	465704.46	3763496.60	16.08184	(14100220)
465680.79	3763503.17	17.10989	(14100220)	465672.25	3763478.84	16.66972	(14100220)
465663.04	3763463.06	16.31204	(14100220)	465651.20	3763445.97	15.78011	(14100220)
465636.08	3763428.21	15.01950	(14100220)	465652.52	3763417.04	14.78275	(14100220)
465670.93	3763405.86	14.49180	(14100220)	465699.20	3763447.28	15.33393	(14100220)

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        465707.75   3763468.98       15.52127  (14100220)               465690.66
3763401.91       14.30644  (14100220)
        465707.75   3763424.93       14.63675  (14100220)               465730.11
3763417.69       13.94405  (14100220)
        465711.70   3763390.08       13.76172  (14100220)               465730.11
3763375.61       13.16033  (14100220)
        465748.52   3763405.86       13.24516  (14100220)               465759.70
3763392.05       12.73558  (14100220)
        465759.04   3763453.86       13.93468  (16041221)               465772.19
3763445.31       13.45948  (16041221)
        465786.66   3763436.76       13.12855  (16123116)               465473.67
3763269.09       13.75063  (16112816)
        465484.85   3763283.56       13.71244  (16112816)               465494.05
3763298.02       13.64204  (16112816)
        465507.20   3763317.75       13.33659  (16112816)               465513.78
3763331.56       13.18618  (16112816)
        465524.30   3763347.34       13.19128  (14022703)               465534.82
3763363.77       13.77013  (15042821)
        465543.37   3763376.93       14.20604  (15042821)               465553.23
3763391.39       14.64895  (15042821)
        465557.83   3763407.17       15.11410  (15042821)               465570.33
3763422.95       15.43060  (15042821)
        465734.77   3763819.90       36.29799  (16010316)               465803.72
3763759.50       25.33903  (16010316)
        465813.22   3763774.61       26.65403  (16010316)               465815.89
3763795.75       27.61131  (16010316)
        465834.62   3763804.85       25.56625  (16010316)               465852.68
3763808.30       24.99196  (12121716)
        465873.18   3763799.25       23.24808  (12121716)               465894.89
3763786.89       20.96733  (16121116)
        465910.87   3763778.44       19.85843  (16121116)               465859.91
3763750.10       22.59996  (16010316)
        465845.74   3763733.22       21.70938  (16010316)               465835.19
3763717.54       20.07242  (15050221)
        465826.45   3763700.65       20.04679  (15050221)               465814.08
3763685.27       19.84268  (16123116)
        465802.63   3763664.77       24.01969  (16123116)               465792.98
3763652.71       26.55068  (16123116)
        465783.63   3763638.54       28.46873  (16123116)               465772.47
3763619.24       29.50114  (16123116)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 429
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DSLLIFT  ***
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                                  INCLUDING SOURCE(S):     L0000100    , L0000101
, L0000102    , L0000103    , L0000104    ,
                 L0000105    , L0000106    , L0000107    , L0000108    , L0000109
, L0000110    , L0000111    , L0000112    ,
                 L0000113    , L0000114    , L0000115    , L0000116    , L0000117
, L0000118    , L0000119    , L0000120    ,
                 L0000121    , L0000122    , L0000123    , L0000124    , L0000125
, L0000126    , L0000127    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465945.90   3763759.17       17.65484  (16121116)                465965.05
3763747.39       16.67138  (16100718)
        465977.82   3763739.53       16.15679  (16100718)                465994.51
3763729.22       15.50147  (16100718)
        466008.75   3763716.45       14.91099  (16100718)                466020.53
3763697.31       14.31115  (15102418)
        465881.58   3763738.06       20.98020  (16010316)                465897.30
3763730.20       19.94334  (16010316)
        465915.46   3763717.93       18.71605  (16010316)                465928.23
3763706.64       17.81800  (16010316)
        465940.99   3763691.91       16.82550  (16010316)                465948.85
3763672.76       15.71887  (16010316)
        465950.81   3763653.61       14.82026  (16032319)                465870.78
3763694.36       18.10991  (15050221)
        465855.07   3763687.49       18.63556  (15050221)                465843.78
3763669.32       18.46280  (15050221)
        465834.45   3763655.57       19.08229  (16123116)                465826.10
3763637.41       21.90539  (16123116)
        465820.21   3763611.38       24.00201  (16123116)                465802.54
3763613.35       26.20293  (16123116)
        465777.99   3763570.14       26.04391  (16123116)                465798.12
3763564.25       25.10785  (16123116)
        465819.72   3763561.80       23.89591  (16123116)                465838.87
3763604.51       21.75923  (16123116)
        465876.67   3763602.06       16.83125  (16123116)                465898.28
3763596.66       15.07995  (14082019)
        465887.97   3763627.10       16.03512  (15050221)                465907.61
3763640.84       15.92336  (15050221)
        465911.04   3763659.99       16.11095  (15050221)                465946.88
3763634.95       14.65947  (15050221)
        465942.96   3763617.28       14.54446  (15050221)                465938.54
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3763592.24       14.13838  (15050221)
        465917.92   3763594.69       14.54925  (15050221)               465836.90
3763555.90       22.56539  (16123116)
        465857.03   3763550.99       20.90570  (16123116)               465877.17
3763550.01       19.06021  (16123116)
        465896.80   3763543.63       17.30929  (16123116)               465916.93
3763542.16       15.35909  (16123116)
        465933.63   3763538.23       13.88624  (16123116)               465967.01
3763530.86       12.47227  (14082019)
        465977.82   3763550.50       12.62279  (15050221)               465981.25
3763569.16       12.93365  (15050221)
        465985.67   3763587.33       13.10662  (15050221)               465991.07
3763608.44       13.16325  (15050221)
        465995.98   3763624.15       13.28772  (16032319)               466001.87
3763640.35       13.48159  (16010316)
        466001.38   3763662.45       14.25762  (16010316)               466011.69
3763677.18       14.17771  (16010316)
        465782.90   3763526.94       21.98022  (16123116)               465800.08
3763525.46       22.21918  (16123116)
        465828.07   3763519.57       21.65368  (16123116)               465839.85
3763511.72       20.96956  (16123116)
        465869.31   3763507.79       19.67540  (16123116)               465874.71
3763489.13       18.97844  (16123116)
        465926.75   3763511.22       15.53104  (16123116)               465927.74
3763493.55       15.84736  (16123116)
        465442.39   3763223.49       13.04865  (16112816)               465450.32
3763240.18       13.45251  (16112816)
        465464.51   3763253.96       13.58905  (16112816)               464510.03
3763571.36        8.75279  (13030118)
        464487.21   3763576.49        8.59650  (12010418)               464506.44
3763554.95        8.62528  (15021122)
        464493.11   3763544.44        8.42827  (15021122)               464495.67
3763548.03        8.47163  (15021122)
        464471.92   3763602.84        8.62543  (12010418)               465080.33
3762842.73        6.37534  (15042922)
        465092.34   3762854.19        6.46869  (15042922)               465102.17
3762864.02        6.54671  (15042922)
        465114.18   3762873.84        6.61457  (15042922)               465123.45
3762883.12        6.67186  (15042922)
        465132.73   3762891.31        6.71898  (15042922)               465143.10
3762900.04        6.76176  (15042922)
        465153.48   3762914.23        6.86900  (15041503)               465160.57
3762921.88        6.94763  (15041503)
        465173.13   3762932.25        7.05828  (14122717)               465184.04
3762943.16        7.17517  (13112417)
        465191.14   3762950.80        7.28193  (13112417)               465204.24
3762960.63        7.43063  (13112417)
        465213.52   3762971.00        7.56037  (13112417)               465077.60
3762811.62        6.14778  (15042922)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLLIFT ***
                                INCLUDING SOURCE(S):   L0000100   , L0000101
, L0000102   , L0000103   , L0000104   ,
                 L0000105   , L0000106   , L0000107   , L0000108   , L0000109
, L0000110   , L0000111   , L0000112   ,
                 L0000113   , L0000114   , L0000115   , L0000116   , L0000117
, L0000118   , L0000119   , L0000120   ,
                 L0000121   , L0000122   , L0000123   , L0000124   , L0000125
, L0000126   , L0000127   , . . .   ,

                                              *** 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)
 -
- -
        465090.16   3762794.70   6.03801 (15042922)   465097.25
3762780.50   5.93410 (15042922)
        465107.63   3762766.86   5.81532 (15042922)   465115.81
3762751.58   5.70149 (15041503)
        465126.73   3762734.11   5.61145 (15041503)   465135.46
3762719.37   5.54541 (14122717)
        465144.74   3762701.36   5.47354 (13112417)   465157.89
3762710.25   5.55984 (13112417)
        465149.18   3762726.68   5.61728 (13112417)   465140.13
3762741.76   5.67689 (14122717)
        465129.74   3762758.19   5.75660 (15041503)   465121.69
3762770.26   5.81969 (15041503)
        465113.64   3762787.69   5.94630 (15042922)   465102.58
3762801.43   6.07191 (15042922)
        465092.53   3762819.20   6.20534 (15042922)   465104.93
3762826.57   6.24960 (15042922)
        465114.65   3762832.94   6.27860 (15042922)   465144.48
3762853.39   6.39361 (15041503)
        465153.87   3762866.80   6.50232 (15041503)   465163.59
3762873.17   6.56894 (14122717)
        465173.65   3762881.88   6.65993 (13112417)   465187.39
3762894.29   6.81647 (13112417)

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        465192.42   3762902.67        6.90165  (13112417)               465203.82
3762913.39        7.02926  (13112417)
        465209.85   3762924.12        7.13507  (13112417)               465223.60
3762934.85        7.28891  (16111317)
        465252.42   3762915.07        7.31704  (16111317)               465264.16
3762904.68        7.26554  (16111317)
        465279.58   3762897.30        7.22009  (16111317)               465288.63
3762891.27        7.16271  (16111317)
        465299.02   3762884.90        7.08774  (16111317)               465313.43
3762874.84        6.95212  (16111317)
        465260.41   3762831.55        6.66423  (16111317)               465279.90
3762818.56        6.57493  (16111317)
        465309.13   3762802.32        6.38645  (16111317)               465332.79
3762790.26        6.26744  (13022818)
        465359.24   3762774.95        6.07228  (13022818)               465390.79
3762709.99        5.63903  (14011405)
        465361.09   3762713.70        5.65713  (13022818)               465186.17
3762739.22        5.77715  (13112417)
        465203.34   3762727.16        5.78535  (16111317)               465215.87
3762719.73        5.79742  (16111317)
        465234.89   3762708.13        5.78968  (16111317)               465248.35
3762704.42        5.79567  (16111317)
        465266.90   3762690.04        5.71956  (16111317)               465278.97
3762684.93        5.67757  (16111317)
        465294.74   3762673.80        5.57759  (16111317)               465305.88
3762669.62        5.52880  (13022818)
        465324.44   3762658.95        5.45335  (13022818)               465335.57
3762651.99        5.39235  (13022818)
        465356.45   3762640.86        5.26484  (13022818)               465364.80
3762651.53        5.28605  (13022818)
        465369.44   3762663.59        5.32962  (13022818)               465408.42
3762642.71        5.31807  (14011405)
        465418.16   3762663.59        5.45233  (14011405)               465548.54
3762581.47        4.93423  (13103118)
        465548.54   3762541.57        4.76269  (13103118)               465576.84
3762516.05        4.62111  (14022703)
        465608.85   3762507.23        4.55692  (14022703)               465626.48
3762496.56        4.47876  (14022703)
        465648.75   3762483.11        4.36534  (14022703)               465679.84
3762470.58        4.23750  (16030807)
        465697.47   3762453.88        4.14102  (16030807)               465708.61
3762467.33        4.22539  (15042821)
        465720.21   3762501.67        4.40052  (15042821)               465706.29
3762507.23        4.39497  (15042821)
        465680.77   3762512.34        4.37909  (16030807)               465650.15
3762525.79        4.50651  (14022703)
        465621.84   3762530.43        4.61839  (14022703)               465609.32
3762570.80        4.81098  (14022703)
        465597.72   3762593.07        4.93102  (14022703)               465466.93
3762523.28        4.78771  (14011405)
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        465495.51   3762752.32        5.94054  (12102519)               465607.32
3762691.54        5.36069  (14022703)
        465638.88   3762732.83        5.43766  (16030807)               465880.93
3761970.96        2.93318  (15042821)
        465899.06   3761961.89        2.91717  (15042821)               465918.70
3761949.05        2.88751  (15042821)
        466021.46   3761887.85        2.67401  (15042821)               466003.33
3761909.00        2.73431  (15042821)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 431
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DSLLIFT  ***
                                INCLUDING SOURCE(S):     L0000100    , L0000101
, L0000102    , L0000103    , L0000104    ,
                  L0000105    , L0000106    , L0000107    , L0000108    , L0000109
, L0000110    , L0000111    , L0000112    ,
                  L0000113    , L0000114    , L0000115    , L0000116    , L0000117
, L0000118    , L0000119    , L0000120    ,
                  L0000121    , L0000122    , L0000123    , L0000124    , L0000125
, L0000126    , L0000127    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465948.93   3761935.45        2.84514  (15042821)               465938.07
3762064.51        3.07588  (15042821)
        465966.07   3762033.84        2.98164  (15042821)               466006.63
3762068.43        2.99588  (14050722)
        465978.83   3762064.10        2.99760  (14050722)               466203.62
3761946.81        2.66448  (13022819)
        466279.35   3761913.67        2.67657  (14100220)               466157.86
3761983.09        2.71435  (14020106)
        466088.29   3761838.62        2.57553  (14050722)               466150.53
3761817.33        2.49179  (14020106)
        466462.09   3761909.65        2.60657  (14100220)               466425.32
3761902.53        2.64737  (14100220)
        466363.48   3761988.88        2.82015  (14100220)               466365.47
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3762027.07 2.87334 (14100220)
466372.60 3762046.16 2.89038 (14100220) 466413.64
3762063.55 2.83827 (14100220)
466414.21 3762046.16 2.82106 (14100220) 466458.95
3762015.67 2.70124 (14100220)
466437.58 3761986.03 2.72347 (14100220) 466452.97
3761976.62 2.68616 (14100220)
466501.13 3762012.25 2.63701 (16041221) 466519.94
3762058.99 2.69031 (16041221)
466557.27 3762034.19 2.62004 (16041221) 466527.92
3761996.29 2.59948 (16041221)
466518.23 3762033.91 2.65937 (16041221) 466547.01
3762016.52 2.61184 (16041221)
466361.23 3761910.97 2.70257 (14100220) 466392.75
3761859.34 2.61836 (14100220)
466437.01 3761856.66 2.58760 (14100220) 466667.45
3761397.88 2.05599 (14100220)
466654.92 3761408.56 2.07137 (14100220) 466620.57
3761311.09 1.98863 (14100220)
466644.70 3761353.33 2.02876 (14100220) 467171.74
3761628.78 2.08354 (16043021)
467160.82 3761592.16 2.11508 (16011021) 467178.81
3761577.39 2.13283 (16011021)
467217.35 3761552.33 2.19900 (15041921) 467195.67
3761726.98 2.15354 (16043021)
467217.02 3761765.04 2.11580 (16043021) 467244.41
3761802.18 2.04153 (16043021)
466609.01 3760870.30 2.04421 (16093021) 466590.45
3760838.62 2.25552 (16093021)
466550.04 3760856.64 2.25932 (16093021) 466511.26
3760738.68 2.31926 (16093021)
466516.72 3760721.21 2.30807 (16093021) 466484.50
3760653.49 2.52023 (16093021)
466405.86 3760662.23 2.26489 (14050722) 466418.42
3760685.17 2.28744 (14050722)
466436.99 3760693.90 2.30139 (16093021) 466469.21
3760637.11 2.60618 (16093021)
466422.25 3760602.16 2.30095 (14050722) 466442.45
3760585.77 2.34126 (14050722)
466331.59 3760843.54 1.88506 (14050722) 466230.02
3760624.00 1.76058 (15042821)
466169.95 3760518.60 1.64730 (15042821) 466228.38
3760625.64 1.74979 (15042821)
466519.10 3761138.93 1.90062 (16042224) 466541.38
3761178.39 1.92019 (16042224)
466448.07 3761006.15 1.99284 (14020106) 466426.71
3760962.05 2.03210 (14050722)
466082.34 3759528.59 1.49732 (15050122) 466025.48
3759415.59 1.22190 (14031621)
464938.75 3759307.56 0.99588 (16111317) 464884.77

3759310.77   0.99626 (16111317)
        464807.00   3759384.68   0.99894 (16111317)   465649.97
3758786.54   1.98142 (16021018)
        465761.16   3758976.01   1.63112 (16021018)   465106.46
3758565.04   0.79605 (13022818)
        465110.02   3758591.73   0.80112 (13022818)   465314.61
3758492.99   1.51223 (13092520)
        465402.68   3758645.10   1.58752 (16091920)   465036.18
3758154.96   1.77318 (16030821)
        465050.42   3758090.91   2.15440 (16013106)   465045.97
3758063.34   2.35493 (13122717)
        464984.59   3758199.44   1.40740 (12112317)   464928.55
3758219.90   1.09030 (12112317)
        465206.98   3757892.54   2.06578 (15031523)   465151.83
3757604.33   2.34425 (14072222)
        465117.13   3757566.08   2.05558 (14072222)   465094.89
3757499.37   2.01368 (16013106)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: DSLLIFT ***
                                  INCLUDING SOURCE(S):   L0000100   , L0000101
, L0000102   , L0000103   , L0000104   ,
                  L0000105   , L0000106   , L0000107   , L0000108   , L0000109
, L0000110   , L0000111   , L0000112   ,
                  L0000113   , L0000114   , L0000115   , L0000116   , L0000117
, L0000118   , L0000119   , L0000120   ,
                  L0000121   , L0000122   , L0000123   , L0000124   , L0000125
, L0000126   , L0000127   , . . .   ,

                                                *** 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)
 -
- -
        465051.31   3757417.53   1.71739 (16052223)   464972.14
3757605.22   2.81306 (15061604)
        464940.11   3757550.07   2.39963 (13122717)   464916.10
3757510.93   2.08167 (13122717)

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        464894.75   3757478.91        1.85414  (16060105)              464699.94
3757333.02        0.75624  (16111317)
        464481.11   3757131.09        0.56406  (16111317)              464361.91
3756866.90        0.52803  (13112417)
        464281.85   3756591.14        0.50479  (13112417)              464235.59
3756543.11        0.49788  (13112417)
        464253.39   3756616.05        0.50487  (13112417)              464677.39
3755989.20        1.16983  (14011819)
        464700.79   3756069.23        1.08346  (14011819)              464752.50
3756072.92        1.06609  (12112317)
        464726.64   3756045.84        1.11949  (14011819)              464726.64
3755885.78        1.33507  (16060105)
        464709.41   3755930.10        1.26789  (16060105)              464770.97
3755917.79        1.33370  (16032123)
        464799.28   3755932.57        1.35428  (16032123)              464903.94
3755872.24        1.54486  (13122717)
        464855.92   3755837.76        1.57298  (13122717)              464357.52
3756197.03        0.58685  (15111318)
        463971.35   3755883.07        0.69714  (13012520)              463777.74
3756154.12        0.46088  (14122717)
        463401.30   3755910.15        0.49431  (15042922)              463310.23
3755300.27        0.64974  (16032221)
        463828.59   3755755.84        0.70756  (14121717)              461422.35
3754393.19        0.56503  (13041207)
        461581.60   3754502.61        0.53072  (13041207)              461732.84
3754617.38        0.49229  (13041207)
        463584.74   3773404.24        2.69667  (15082306)              463565.61
3773428.58        2.68622  (15082306)
        463452.60   3772407.95        3.15910  (12092204)              463381.18
3772107.58        3.33666  (12010318)
        463456.01   3771996.49        3.39252  (12010318)              463382.72
3771899.28        3.42280  (12010318)
        463391.98   3771839.87        3.44732  (12010318)              463450.61
3771836.01        3.51906  (12010318)
        463449.07   3771509.67        3.70155  (15091901)              463128.13
3771147.07        3.90690  (13082802)
        463081.29   3771178.48        3.89879  (13082802)              463387.17
3770930.69        4.16681  (13090524)
        463393.52   3770784.56        4.21404  (13090524)              464272.60
3770316.61        4.80700  (15101123)
        464292.70   3770216.83        4.90541  (15101123)              464857.42
3770180.33        5.09525  (12081604)
        464911.10   3770169.59        5.04332  (12081604)              472010.14
3773350.14        2.15942  (14083104)
        472017.02   3773222.10        2.23338  (14083104)              472090.00
3771728.63        2.46442  (16092923)
        472065.13   3771814.18        2.42277  (16092923)              472215.84
3771412.29        2.52634  (15072806)
        472243.69   3771355.59        2.51508  (15072806)              472254.14
3771342.16        2.50006  (15072806)
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        469633.06   3764556.22        6.64723  (14073024)               469567.11
3764486.31        6.84593  (12081004)
        469724.07   3764529.84        6.58582  (12081004)               468422.23
3764520.61        4.55355  (13082722)
        468748.02   3764105.13        6.44326  (15090623)               468964.34
3764293.74        6.72531  (12081001)
        468800.09   3764957.17        5.64817  (15082519)               469497.47
3764314.56        6.75315  (12081001)
        468138.32   3763601.28        5.47276  (13020218)               468310.81
3763707.06        5.90049  (12081924)
        471167.46   3765485.21        5.23877  (13051924)               471211.21
3765490.07        5.20526  (13051924)
        471132.46   3765415.22        5.31896  (13091424)               471094.55
3765508.54        5.25133  (13051924)
        471117.88   3765508.54        5.24081  (13051924)               471262.76
3766806.52        4.79559  (12090506)
        471323.17   3766798.09        4.75855  (12090506)               471338.62
3766865.52        4.68138  (12090506)
        471411.67   3766831.80        4.66705  (12090506)               471460.13
3766840.94        4.61078  (12090506)
        471453.11   3766880.27        4.62779  (12090506)               471524.05
3766845.15        4.51588  (12090506)
        471542.31   3766851.47        4.49503  (12090506)               473015.63
3767913.38        3.04156  (12090703)
        473085.40   3768000.30        2.96195  (12090703)               473037.37
3768050.63        2.93719  (16092021)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 433
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  DSLLIFT  ***
                                  INCLUDING SOURCE(S):     L0000100    , L0000101
, L0000102    , L0000103    , L0000104    ,
                 L0000105    , L0000106    , L0000107    , L0000108    , L0000109
, L0000110    , L0000111    , L0000112    ,
                 L0000113    , L0000114    , L0000115    , L0000116    , L0000117
, L0000118    , L0000119    , L0000120    ,
                 L0000121    , L0000122    , L0000123    , L0000124    , L0000125
, L0000126    , L0000127    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                           ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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```
      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87        2.69844  (15090203)               472579.11
3768572.78        2.64649  (15090203)
        468876.69   3760856.73        6.11916  (12010519)               468877.41
3760872.49        6.15254  (15052924)
        468836.56   3760820.18        6.05599  (12010519)               468916.10
3760787.22        6.04374  (12010519)
        467288.87   3772358.98        3.29245  (16081802)               467212.83
3772366.58        3.24627  (14091423)
        466930.26   3771522.88        3.77328  (14091423)               467229.10
3771542.73        3.77709  (16093023)
        467954.03   3771528.72        3.75464  (15082606)               467908.50
3771580.08        3.65114  (15082606)
        466335.05   3772522.99        3.27068  (14050323)               474189.68
3773011.06        1.81255  (14070601)
        468146.89   3760234.01        5.66613  (15091023)               468083.74
3760112.97        5.64141  (12083121)
        467468.53   3758412.46        4.02803  (13090522)               470144.04
3757934.27        3.48690  (14120101)
        468846.85   3759822.78        5.45736  (12091922)               471818.84
3757032.99        2.16720  (13083024)
        473670.24   3755859.61        1.63152  (12081224)               473859.09
3756296.15        1.57571  (15052924)
        475261.57   3755676.95        1.40686  (12081622)               474899.34
3755738.87        1.44692  (15082106)
        474763.12   3755779.12        1.42953  (15082106)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 434
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK1   ***
                                  INCLUDING SOURCE(S):     L0000316    , L0000317
, L0000318    , L0000319    , L0000320    ,
                 L0000321    , L0000322    , L0000323    , L0000324    , L0000325
, L0000326    , L0000327    , L0000328    ,
                 L0000329    , L0000330    , L0000331    , L0000332    , L0000333
, L0000334    , L0000335    , L0000336    ,
                 L0000337    , L0000338    , L0000339    , L0000340    , L0000341
, L0000342    , L0000343    ,  . . .      ,
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*** 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)
465370.10	3764407.54	1.99637	(16090102)	465383.87	3764412.76	1.94446	(15081301)
465401.45	3764436.51	1.81892	(15081301)	465402.58	3764410.16	1.88532	(15081301)
465401.09	3764424.54	1.85506	(15081301)	465707.10	3763626.13	1.01579	(13062606)
465720.25	3763639.94	1.00302	(13062606)	465732.08	3763652.44	0.99140	(13062606)
465743.26	3763670.85	0.98054	(13062606)	465752.47	3763683.34	0.97135	(13062606)
465762.99	3763695.83	0.96076	(13062606)	465771.53	3763711.61	0.95208	(13062606)
465789.95	3763743.18	0.93236	(13062606)	465649.89	3763549.86	1.06775	(13062606)
465642.00	3763538.68	1.07454	(13062606)	465628.85	3763513.69	1.08469	(13062606)
465621.61	3763502.52	1.09059	(13062606)	465609.78	3763485.42	1.10054	(13062606)
465599.26	3763471.61	1.10956	(13062606)	465582.82	3763441.36	1.12242	(13062606)
465676.19	3763559.06	1.04126	(13062606)	465700.52	3763547.89	1.01648	(13062606)
465718.93	3763545.91	0.99972	(13062606)	465723.53	3763582.74	0.99715	(13062606)
465734.05	3763574.19	0.98731	(13062606)	465757.73	3763572.22	0.96697	(13062606)
465759.04	3763535.39	0.96628	(13062606)	465743.26	3763540.00	0.97887	(13062606)
465764.96	3763482.79	0.96397	(13062606)	465745.89	3763484.76	0.97787	(13062606)
465717.62	3763493.31	0.99978	(13062606)	465704.46	3763496.60	1.01074	(13062606)
465680.79	3763503.17	1.03178	(13062606)	465672.25	3763478.84	1.03848	(13062606)
465663.04	3763463.06	1.04613	(13062606)	465651.20	3763445.97	1.05617	(13062606)
465636.08	3763428.21	1.06921	(13062606)	465652.52	3763417.04	1.05475	(13062606)
465670.93	3763405.86	1.03971	(13062606)	465699.20	3763447.28	1.01588	(13062606)

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        465707.75   3763468.98        1.00841  (13062606)               465690.66
3763401.91        1.02428  (13062606)
        465707.75   3763424.93        1.00994  (13062606)               465730.11
3763417.69        0.99362  (13062606)
        465711.70   3763390.08        1.00912  (13062606)               465730.11
3763375.61        0.99728  (13062606)
        465748.52   3763405.86        0.98165  (13062606)               465759.70
3763392.05        0.97552  (13062606)
        465759.04   3763453.86        0.97028  (13062606)               465772.19
3763445.31        0.96193  (13062606)
        465786.66   3763436.76        0.95319  (13062606)               465473.67
3763269.09        1.23381  (13062606)
        465484.85   3763283.56        1.21964  (13062606)               465494.05
3763298.02        1.20836  (13062606)
        465507.20   3763317.75        1.19329  (13062606)               465513.78
3763331.56        1.18603  (13062606)
        465524.30   3763347.34        1.17512  (13062606)               465534.82
3763363.77        1.16470  (13062606)
        465543.37   3763376.93        1.15651  (13062606)               465553.23
3763391.39        1.14744  (13062606)
        465557.83   3763407.17        1.14427  (13062606)               465570.33
3763422.95        1.13304  (13062606)
        465734.77   3763819.90        0.98494  (13062606)               465803.72
3763759.50        0.91809  (13062606)
        465813.22   3763774.61        0.90783  (13062606)               465815.89
3763795.75        0.90254  (13062606)
        465834.62   3763804.85        0.88496  (13062606)               465852.68
3763808.30        0.86963  (13062606)
        465873.18   3763799.25        0.85567  (13062606)               465894.89
3763786.89        0.84278  (13062606)
        465910.87   3763778.44        0.83398  (13062606)               465859.91
3763750.10        0.87313  (13062606)
        465845.74   3763733.22        0.88597  (13062606)               465835.19
3763717.54        0.89592  (13062606)
        465826.45   3763700.65        0.90450  (13062606)               465814.08
3763685.27        0.91573  (13062606)
        465802.63   3763664.77        0.92649  (13062606)               465792.98
3763652.71        0.93515  (13062606)
        465783.63   3763638.54        0.94361  (13062606)               465772.47
3763619.24        0.95368  (13062606)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 435
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK1   ***
```

```
                                  INCLUDING SOURCE(S):     L0000316    , L0000317
, L0000318    , L0000319    , L0000320    ,
                 L0000321    , L0000322    , L0000323    , L0000324    , L0000325
, L0000326    , L0000327    , L0000328    ,
                 L0000329    , L0000330    , L0000331    , L0000332    , L0000333
, L0000334    , L0000335    , L0000336    ,
                 L0000337    , L0000338    , L0000339    , L0000340    , L0000341
, L0000342    , L0000343    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465945.90   3763759.17        0.81697  (13062606)               465965.05
3763747.39        0.80914  (13062606)
        465977.82   3763739.53        0.80430  (13062606)               465994.51
3763729.22        0.79835  (13062606)
        466008.75   3763716.45        0.79815  (13083103)               466020.53
3763697.31        0.79889  (13083103)
        465881.58   3763738.06        0.85962  (13062606)               465897.30
3763730.20        0.85053  (13062606)
        465915.46   3763717.93        0.84129  (13062606)               465928.23
3763706.64        0.83570  (13062606)
        465940.99   3763691.91        0.83105  (13062606)               465948.85
3763672.76        0.83000  (13062606)
        465950.81   3763653.61        0.83206  (13062606)               465870.78
3763694.36        0.87296  (13062606)
        465855.07   3763687.49        0.88463  (13062606)               465843.78
3763669.32        0.89463  (13062606)
        465834.45   3763655.57        0.90272  (13062606)               465826.10
3763637.41        0.91040  (13062606)
        465820.21   3763611.38        0.91670  (13062606)               465802.54
3763613.35        0.92971  (13062606)
        465777.99   3763570.14        0.95075  (13062606)               465798.12
3763564.25        0.93588  (13062606)
        465819.72   3763561.80        0.92079  (13062606)               465838.87
3763604.51        0.90412  (13062606)
        465876.67   3763602.06        0.88008  (13062606)               465898.28
3763596.66        0.86815  (13062606)
        465887.97   3763627.10        0.87029  (13062606)               465907.61
3763640.84        0.85705  (13062606)
        465911.04   3763659.99        0.85246  (13062606)               465946.88
3763634.95        0.83688  (13062606)
        465942.96   3763617.28        0.84145  (13062606)               465938.54
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3763592.24        0.84730  (13062606)
        465917.92   3763594.69        0.85761  (13062606)                465836.90
3763555.90        0.90986  (13062606)
        465857.03   3763550.99        0.89773  (13062606)                465877.17
3763550.01        0.88596  (13062606)
        465896.80   3763543.63        0.87583  (13062606)                465916.93
3763542.16        0.86544  (13062606)
        465933.63   3763538.23        0.85769  (13062606)                465967.01
3763530.86        0.84347  (13062606)
        465977.82   3763550.50        0.83569  (13062606)                465981.25
3763569.16        0.83118  (13062606)
        465985.67   3763587.33        0.82631  (13062606)                465991.07
3763608.44        0.82058  (13062606)
        465995.98   3763624.15        0.81592  (13062606)                466001.87
3763640.35        0.81074  (13062606)
        466001.38   3763662.45        0.81320  (13083103)                466011.69
3763677.18        0.80885  (13083103)
        465782.90   3763526.94        0.94866  (13062606)                465800.08
3763525.46        0.93667  (13062606)
        465828.07   3763519.57        0.91872  (13062606)                465839.85
3763511.72        0.91216  (13062606)
        465869.31   3763507.79        0.89545  (13062606)                465874.71
3763489.13        0.89479  (13062606)
        465926.75   3763511.22        0.86500  (13062606)                465927.74
3763493.55        0.86710  (13062606)
        465442.39   3763223.49        1.27917  (13062606)                465450.32
3763240.18        1.26572  (13062606)
        465464.51   3763253.96        1.24649  (13062606)                464510.03
3763571.36        3.52735  (15090824)
        464487.21   3763576.49        3.12617  (15090824)                464506.44
3763554.95        3.43696  (15090824)
        464493.11   3763544.44        3.12661  (16062001)                464495.67
3763548.03        3.18518  (15090824)
        464471.92   3763602.84        2.92003  (15090824)                465080.33
3762842.73        5.13445  (13062606)
        465092.34   3762854.19        4.37865  (13062606)                465102.17
3762864.02        3.92688  (13062606)
        465114.18   3762873.84        3.53604  (13062606)                465123.45
3762883.12        3.27621  (13062606)
        465132.73   3762891.31        3.07000  (13062606)                465143.10
3762900.04        2.87843  (13062606)
        465153.48   3762914.23        2.68063  (13062606)                465160.57
3762921.88        2.57607  (13062606)
        465173.13   3762932.25        2.42974  (13062606)                465184.04
3762943.16        2.31142  (13062606)
        465191.14   3762950.80        2.24048  (13062606)                465204.24
3762960.63        2.13781  (13062606)
        465213.52   3762971.00        2.06249  (13062606)                465077.60
3762811.62        6.66317  (13062606)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK1   ***
                                INCLUDING SOURCE(S):   L0000316   , L0000317
, L0000318   , L0000319   , L0000320   ,
                  L0000321   , L0000322   , L0000323   , L0000324   , L0000325
, L0000326   , L0000327   , L0000328   ,
                  L0000329   , L0000330   , L0000331   , L0000332   , L0000333
, L0000334   , L0000335   , L0000336   ,
                  L0000337   , L0000338   , L0000339   , L0000340   , L0000341
, L0000342   , L0000343   , . . .   ,

                                                *** 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)
 -
- -
        465090.16   3762794.70   6.63611 (13062606)   465097.25
3762780.50   6.92162 (13062606)
        465107.63   3762766.86   6.87641 (13062606)   465115.81
3762751.58   7.17954 (13062606)
        465126.73   3762734.11   7.41636 (13062606)   465135.46
3762719.37   7.70695 (13062606)
        465144.74   3762701.36   8.30416 (13062606)   465157.89
3762710.25   6.25676 (13062606)
        465149.18   3762726.68   5.99549 (13062606)   465140.13
3762741.76   5.84421 (13062606)
        465129.74   3762758.19   5.72921 (13062606)   465121.69
3762770.26   5.67686 (13062606)
        465113.64   3762787.69   5.42180 (13062606)   465102.58
3762801.43   5.48254 (13062606)
        465092.53   3762819.20   5.33983 (13062606)   465104.93
3762826.57   4.60470 (13062606)
        465114.65   3762832.94   4.16524 (13062606)   465144.48
3762853.39   3.27504 (13062606)
        465153.87   3762866.80   3.02147 (13062606)   465163.59
3762873.17   2.86065 (13062606)
        465173.65   3762881.88   2.70217 (13062606)   465187.39
3762894.29   2.51604 (13062606)

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        465192.42   3762902.67        2.43726  (13062606)               465203.82
3762913.39        2.31495  (13062606)
        465209.85   3762924.12        2.23716  (13062606)               465223.60
3762934.85        2.12790  (13062606)
        465252.42   3762915.07        2.05655  (13062606)               465264.16
3762904.68        2.03615  (13062606)
        465279.58   3762897.30        1.99244  (13062606)               465288.63
3762891.27        1.97256  (13062606)
        465299.02   3762884.90        1.94892  (13062606)               465313.43
3762874.84        1.92056  (13062606)
        465260.41   3762831.55        2.31989  (13062606)               465279.90
3762818.56        2.25889  (13062606)
        465309.13   3762802.32        2.16289  (13062606)               465332.79
3762790.26        2.08914  (13062606)
        465359.24   3762774.95        2.01966  (13062606)               465390.79
3762709.99        2.08737  (13062606)
        465361.09   3762713.70        2.22489  (13062606)               465186.17
3762739.22        4.08674  (13062606)
        465203.34   3762727.16        3.88691  (13062606)               465215.87
3762719.73        3.73231  (13062606)
        465234.89   3762708.13        3.52897  (13062606)               465248.35
3762704.42        3.34759  (13062606)
        465266.90   3762690.04        3.22549  (13062606)               465278.97
3762684.93        3.10899  (13062606)
        465294.74   3762673.80        3.00987  (13062606)               465305.88
3762669.62        2.91374  (13062606)
        465324.44   3762658.95        2.79584  (13062606)               465335.57
3762651.99        2.73429  (13062606)
        465356.45   3762640.86        2.61561  (13062606)               465364.80
3762651.53        2.48804  (13062606)
        465369.44   3762663.59        2.39389  (13062606)               465408.42
3762642.71        2.24494  (13062606)
        465418.16   3762663.59        2.11629  (13062606)               465548.54
3762581.47        1.86137  (13062606)
        465548.54   3762541.57        1.97044  (13062606)               465576.84
3762516.05        1.95540  (13062606)
        465608.85   3762507.23        1.88991  (13062606)               465626.48
3762496.56        1.87487  (13062606)
        465648.75   3762483.11        1.85970  (13062606)               465679.84
3762470.58        1.82698  (13062606)
        465697.47   3762453.88        1.83931  (13062606)               465708.61
3762467.33        1.77878  (13062606)
        465720.21   3762501.67        1.67218  (13062606)               465706.29
3762507.23        1.68295  (13062606)
        465680.77   3762512.34        1.71694  (13062606)               465650.15
3762525.79        1.74543  (13062606)
        465621.84   3762530.43        1.79627  (13062606)               465609.32
3762570.80        1.73072  (13062606)
        465597.72   3762593.07        1.70889  (13062606)               465466.93
3762523.28        2.41236  (13062606)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK1 ***
INCLUDING SOURCE(S): L0000316 , L0000317
, L0000318 , L0000319 , L0000320 ,
L0000321 , L0000322 , L0000323 , L0000324 , L0000325
, L0000326 , L0000327 , L0000328 ,
L0000329 , L0000330 , L0000331 , L0000332 , L0000333
, L0000334 , L0000335 , L0000336 ,
L0000337 , L0000338 , L0000339 , L0000340 , L0000341
, L0000342 , L0000343 , . . . ,

*** 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)
465948.93	3761935.45	5.30706	(13062606)	465938.07	3762064.51	5.75323	(13062606)
465966.07	3762033.84	7.33026	(13062606)	466006.63	3762068.43	4.12680	(13062606)
465978.83	3762064.10	4.74497	(13062606)	466203.62	3761946.81	5.26850	(13062606)
466279.35	3761913.67	5.05182	(13062606)	466157.86	3761983.09	4.61572	(13062606)
466088.29	3761838.62	4.12425	(13062606)	466150.53	3761817.33	4.41207	(13062606)
466462.09	3761909.65	2.94653	(13062606)	466425.32	3761902.53	3.30139	(13062606)
466363.48	3761988.88	2.62847	(13062606)	466365.47			

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3762027.07        2.32456  (13062606)
        466372.60   3762046.16        2.18831  (13062606)                466413.64
3762063.55        2.01055  (13062606)
        466414.21   3762046.16        2.08936  (13062606)                466458.95
3762015.67        2.14065  (13062606)
        466437.58   3761986.03        2.37210  (13062606)                466452.97
3761976.62        2.38662  (13062606)
        466501.13   3762012.25        2.06696  (13062606)                466519.94
3762058.99        1.85713  (13062606)
        466557.27   3762034.19        2.09269  (13083104)                466527.92
3761996.29        2.11755  (15082822)
        466518.23   3762033.91        1.94764  (13062606)                466547.01
3762016.52        2.14446  (14082721)
        466361.23   3761910.97        3.76657  (13062606)                466392.75
3761859.34        4.93689  (13062921)
        466437.01   3761856.66        4.15869  (13062606)                466667.45
3761397.88        3.68119  (16061922)
        466654.92   3761408.56        3.71317  (16061922)                466620.57
3761311.09        2.83542  (14091223)
        466644.70   3761353.33        3.18835  (12090522)                467171.74
3761628.78        5.50471  (13062922)
        467160.82   3761592.16        5.36100  (13062922)                467178.81
3761577.39        4.74973  (13062922)
        467217.35   3761552.33        4.04351  (16081722)                467195.67
3761726.98        7.33884  (12041107)
        467217.02   3761765.04        7.16069  (13062606)                467244.41
3761802.18        6.48701  (13062606)
        466609.01   3760870.30        1.85290  (14083024)                466590.45
3760838.62        1.81653  (12083102)
        466550.04   3760856.64        1.81589  (12083102)                466511.26
3760738.68        1.65115  (12081621)
        466516.72   3760721.21        1.63232  (12083121)                466484.50
3760653.49        1.57313  (16092201)
        466405.86   3760662.23        1.54122  (12090322)                466418.42
3760685.17        1.56011  (16021621)
        466436.99   3760693.90        1.57423  (16092201)                466469.21
3760637.11        1.54695  (16092201)
        466422.25   3760602.16        1.50418  (12090322)                466442.45
3760585.77        1.49220  (12090322)
        466331.59   3760843.54        1.59385  (16021621)                466230.02
3760624.00        1.32628  (16031722)
        466169.95   3760518.60        1.22058  (15100222)                466228.38
3760625.64        1.32413  (16031722)
        466519.10   3761138.93        2.15903  (15092620)                466541.38
3761178.39        2.28546  (13090521)
        466448.07   3761006.15        1.92394  (12083102)                466426.71
3760962.05        1.86549  (12081621)
        466082.34   3759528.59        0.77249  (13062704)                466025.48
3759415.59        0.70015  (15091223)
        464938.75   3759307.56        0.45487  (13090706)                464884.77
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3759310.77   0.44788 (13090706)
        464807.00   3759384.68   0.44269 (15031321)   465649.97
3758786.54   0.59501 (13090322)
        465761.16   3758976.01   0.61590 (13090322)   465106.46
3758565.04   0.37574 (14030721)
        465110.02   3758591.73   0.37827 (14030721)   465314.61
3758492.99   0.50012 (14070703)
        465402.68   3758645.10   0.52181 (12052822)   465036.18
3758154.96   0.46638 (13082321)
        465050.42   3758090.91   0.50073 (13082321)   465045.97
3758063.34   0.52378 (13082321)
        464984.59   3758199.44   0.43844 (13082321)   464928.55
3758219.90   0.41960 (14072222)
        465206.98   3757892.54   0.48490 (12102820)   465151.83
3757604.33   0.49930 (12102820)
        465117.13   3757566.08   0.47167 (13082321)   465094.89
3757499.37   0.46591 (13082321)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK1   ***
                                  INCLUDING SOURCE(S):   L0000316   , L0000317
, L0000318   , L0000319   , L0000320   ,
                  L0000321   , L0000322   , L0000323   , L0000324   , L0000325
, L0000326   , L0000327   , L0000328   ,
                  L0000329   , L0000330   , L0000331   , L0000332   , L0000333
, L0000334   , L0000335   , L0000336   ,
                  L0000337   , L0000338   , L0000339   , L0000340   , L0000341
, L0000342   , L0000343   , . . .   ,

                                                *** 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)
 -
- -
        465051.31   3757417.53   0.42665 (13082321)   464972.14
3757605.22   0.54628 (16090105)
        464940.11   3757550.07   0.49594 (13082321)   464916.10
3757510.93   0.46161 (14072222)

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        464894.75   3757478.91        0.43315  (14072222)              464699.94
3757333.02        0.32592  (14120817)
        464481.11   3757131.09        0.30005  (15100807)              464361.91
3756866.90        0.29031  (15100807)
        464281.85   3756591.14        0.27782  (15100807)              464235.59
3756543.11        0.27843  (15100807)
        464253.39   3756616.05        0.28211  (15100807)              464677.39
3755989.20        0.30982  (15061604)
        464700.79   3756069.23        0.30722  (13041207)              464752.50
3756072.92        0.31153  (13041207)
        464726.64   3756045.84        0.31004  (13041207)              464726.64
3755885.78        0.32710  (15061604)
        464709.41   3755930.10        0.32128  (15061604)              464770.97
3755917.79        0.32851  (15061604)
        464799.28   3755932.57        0.33024  (15061604)              464903.94
3755872.24        0.36185  (14072222)
        464855.92   3755837.76        0.36033  (14072222)              464357.52
3756197.03        0.26385  (14050322)
        463971.35   3755883.07        0.26533  (15100507)              463777.74
3756154.12        0.28449  (15100807)
        463401.30   3755910.15        0.28276  (15100807)              463310.23
3755300.27        0.26882  (15100807)
        463828.59   3755755.84        0.26460  (15100507)              461422.35
3754393.19        0.28751  (12012316)
        461581.60   3754502.61        0.28540  (12012316)              461732.84
3754617.38        0.28313  (12012316)
        463584.74   3773404.24        0.34573  (13091606)              463565.61
3773428.58        0.34384  (13091606)
        463452.60   3772407.95        0.40534  (15101123)              463381.18
3772107.58        0.42237  (15082306)
        463456.01   3771996.49        0.42670  (15101123)              463382.72
3771899.28        0.43651  (15082306)
        463391.98   3771839.87        0.43966  (15082306)              463450.61
3771836.01        0.43811  (15082306)
        463449.07   3771509.67        0.46106  (15082306)              463128.13
3771147.07        0.48864  (13071801)
        463081.29   3771178.48        0.48793  (13071801)              463387.17
3770930.69        0.49698  (16070904)
        463393.52   3770784.56        0.51141  (12092204)              464272.60
3770316.61        0.53711  (15092801)
        464292.70   3770216.83        0.54627  (15092801)              464857.42
3770180.33        0.53876  (13072806)
        464911.10   3770169.59        0.54021  (13072806)              472010.14
3773350.14        3.40633  (15091923)
        472017.02   3773222.10        3.41642  (15091923)              472090.00
3771728.63        4.34596  (16062001)
        472065.13   3771814.18        4.21187  (15101324)              472215.84
3771412.29        3.41877  (14051623)
        472243.69   3771355.59        3.27309  (15082522)              472254.14
3771342.16        3.27868  (15082522)
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        469633.06   3764556.22        1.76541  (15091003)               469567.11
3764486.31        1.78352  (15091003)
        469724.07   3764529.84        1.64521  (12083002)               468422.23
3764520.61        1.80584  (12071006)
        468748.02   3764105.13        3.10657  (15082521)               468964.34
3764293.74        2.84869  (16092923)
        468800.09   3764957.17        2.12974  (13082523)               469497.47
3764314.56        1.71134  (12083002)
        468138.32   3763601.28        5.36746  (13062606)               468310.81
3763707.06        7.11170  (13062606)
        471167.46   3765485.21        1.48083  (12113001)               471211.21
3765490.07        1.50353  (12113001)
        471132.46   3765415.22        1.45472  (12113001)               471094.55
3765508.54        1.50537  (16062703)
        471117.88   3765508.54        1.49819  (16062703)               471262.76
3766806.52        2.94335  (13032107)
        471323.17   3766798.09        2.82772  (13032107)               471338.62
3766865.52        2.96108  (13032107)
        471411.67   3766831.80        2.72686  (13032107)               471460.13
3766840.94        2.60131  (13032107)
        471453.11   3766880.27        2.76103  (13032107)               471524.05
3766845.15        2.56654  (13082602)
        471542.31   3766851.47        2.55856  (13082602)               473015.63
3767913.38        1.54648  (14090724)
        473085.40   3768000.30        1.57425  (12081401)               473037.37
3768050.63        1.73385  (13071201)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 439
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK1   ***
                                INCLUDING SOURCE(S):     L0000316    , L0000317
, L0000318    , L0000319    , L0000320    ,
                  L0000321    , L0000322    , L0000323    , L0000324    , L0000325
, L0000326    , L0000327    , L0000328    ,
                  L0000329    , L0000330    , L0000331    , L0000332    , L0000333
, L0000334    , L0000335    , L0000336    ,
                  L0000337    , L0000338    , L0000339    , L0000340    , L0000341
, L0000342    , L0000343    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                             ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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```
      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87        5.62622  (16092923)               472579.11
3768572.78        5.21255  (16092923)
        468876.69   3760856.73        1.79521  (14082822)               468877.41
3760872.49        1.78557  (14082822)
        468836.56   3760820.18        1.81556  (12110620)               468916.10
3760787.22        1.75896  (12110620)
        467288.87   3772358.98        0.34767  (14100823)               467212.83
3772366.58        0.34872  (14100823)
        466930.26   3771522.88        0.39458  (14082906)               467229.10
3771542.73        0.39004  (15091824)
        467954.03   3771528.72        0.39769  (16081106)               467908.50
3771580.08        0.39557  (16081106)
        466335.05   3772522.99        0.36303  (14083004)               474189.68
3773011.06        1.19927  (16082122)
        468146.89   3760234.01        1.90176  (15082106)               468083.74
3760112.97        1.76163  (13070824)
        467468.53   3758412.46        0.92030  (12070506)               470144.04
3757934.27        0.77522  (12082622)
        468846.85   3759822.78        1.57221  (12091301)               471818.84
3757032.99        0.52762  (12090901)
        473670.24   3755859.61        0.43285  (13091205)               473859.09
3756296.15        0.42137  (14030524)
        475261.57   3755676.95        0.36601  (12081502)               474899.34
3755738.87        0.37864  (15081802)
        474763.12   3755779.12        0.38366  (15081802)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 440
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK2   ***
                                  INCLUDING SOURCE(S):     L0002278    , L0002279
, L0002280    , L0002281    , L0002282    ,
                L0002283    , L0002284    , L0002285    , L0002286    , L0002287
, L0002288    , L0002289    , L0002290    ,
                L0002291    , L0002292    , L0002293    , L0002294    , L0002295
, L0002296    , L0002297    , L0002298    ,
                L0002299    , L0002300    , L0002301    , L0002302    , L0002303
, L0002304    , L0002305    ,  . . .      ,
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*** 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)
465370.10	3764407.54	3.57492	(15081301)	465383.87	3764412.76	3.47774	(15081301)
465401.45	3764436.51	3.24826	(15081301)	465402.58	3764410.16	3.35225	(15081301)
465401.09	3764424.54	3.30539	(15081301)	465707.10	3763626.13	1.53306	(12083024)
465720.25	3763639.94	1.53684	(12083024)	465732.08	3763652.44	1.52261	(12083024)
465743.26	3763670.85	1.51645	(12083024)	465752.47	3763683.34	1.50626	(12083024)
465762.99	3763695.83	1.49165	(12083024)	465771.53	3763711.61	1.49984	(12083024)
465789.95	3763743.18	1.44695	(13082301)	465649.89	3763549.86	1.56451	(12083024)
465642.00	3763538.68	1.57476	(12083024)	465628.85	3763513.69	1.58670	(12083024)
465621.61	3763502.52	1.58483	(12083024)	465609.78	3763485.42	1.60799	(12083024)
465599.26	3763471.61	1.62493	(12083024)	465582.82	3763441.36	1.64111	(13082824)
465676.19	3763559.06	1.52880	(12083024)	465700.52	3763547.89	1.48447	(12083024)
465718.93	3763545.91	1.47383	(16111520)	465723.53	3763582.74	1.55563	(12083024)
465734.05	3763574.19	1.54307	(15071802)	465757.73	3763572.22	1.53335	(15071802)
465759.04	3763535.39	1.42569	(15071802)	465743.26	3763540.00	1.44725	(15071802)
465764.96	3763482.79	1.38310	(15060923)	465745.89	3763484.76	1.40010	(15060923)
465717.62	3763493.31	1.41267	(12071323)	465704.46	3763496.60	1.41571	(15071802)
465680.79	3763503.17	1.44170	(14040821)	465672.25	3763478.84	1.46137	(14040821)
465663.04	3763463.06	1.47633	(12071323)	465651.20	3763445.97	1.49728	(12071323)
465636.08	3763428.21	1.51873	(12082820)	465652.52	3763417.04	1.52420	(12082820)
465670.93	3763405.86	1.53674	(15060923)	465699.20	3763447.28	1.52673	(15060923)

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        465707.75   3763468.98        1.47897  (15060923)               465690.66
3763401.91        1.53012  (15060923)
        465707.75   3763424.93        1.52094  (15060923)               465730.11
3763417.69        1.46982  (16072221)
        465711.70   3763390.08        1.49588  (16072221)               465730.11
3763375.61        1.46440  (16072221)
        465748.52   3763405.86        1.45244  (16072221)               465759.70
3763392.05        1.43387  (16072221)
        465759.04   3763453.86        1.42134  (15060923)               465772.19
3763445.31        1.41133  (16072221)
        465786.66   3763436.76        1.39935  (16072221)               465473.67
3763269.09        1.86316  (13062606)
        465484.85   3763283.56        1.83185  (13062606)               465494.05
3763298.02        1.80685  (13062606)
        465507.20   3763317.75        1.77330  (13062606)               465513.78
3763331.56        1.75701  (13062606)
        465524.30   3763347.34        1.73256  (13062606)               465534.82
3763363.77        1.70915  (13062606)
        465543.37   3763376.93        1.69076  (13062606)               465553.23
3763391.39        1.67035  (13062606)
        465557.83   3763407.17        1.66827  (13082824)               465570.33
3763422.95        1.65293  (13082824)
        465734.77   3763819.90        1.56707  (15061921)               465803.72
3763759.50        1.43721  (13082301)
        465813.22   3763774.61        1.43160  (13082301)               465815.89
3763795.75        1.40688  (13070920)
        465834.62   3763804.85        1.40278  (13082301)               465852.68
3763808.30        1.37585  (13082301)
        465873.18   3763799.25        1.35522  (12083024)               465894.89
3763786.89        1.34229  (12083024)
        465910.87   3763778.44        1.33064  (12083024)               465859.91
3763750.10        1.40844  (12083024)
        465845.74   3763733.22        1.42528  (12083024)               465835.19
3763717.54        1.43999  (12083024)
        465826.45   3763700.65        1.45171  (12083024)               465814.08
3763685.27        1.46008  (12083024)
        465802.63   3763664.77        1.46752  (12083024)               465792.98
3763652.71        1.47393  (12083024)
        465783.63   3763638.54        1.48159  (12083024)               465772.47
3763619.24        1.49588  (16111520)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 441
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK2   ***
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                                  INCLUDING SOURCE(S):     L0002278    , L0002279
, L0002280    , L0002281    , L0002282    ,
                 L0002283    , L0002284    , L0002285    , L0002286    , L0002287
, L0002288    , L0002289    , L0002290    ,
                 L0002291    , L0002292    , L0002293    , L0002294    , L0002295
, L0002296    , L0002297    , L0002298    ,
                 L0002299    , L0002300    , L0002301    , L0002302    , L0002303
, L0002304    , L0002305    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465945.90   3763759.17        1.29380  (13082824)                465965.05
3763747.39        1.32044  (15071802)
        465977.82   3763739.53        1.33689  (15071802)                465994.51
3763729.22        1.33412  (12071323)
        466008.75   3763716.45        1.38020  (12071323)                466020.53
3763697.31        1.37831  (12071323)
        465881.58   3763738.06        1.39834  (12083024)                465897.30
3763730.20        1.38961  (12083024)
        465915.46   3763717.93        1.38368  (15071802)                465928.23
3763706.64        1.37312  (15071802)
        465940.99   3763691.91        1.36317  (15071802)                465948.85
3763672.76        1.36449  (15060923)
        465950.81   3763653.61        1.39421  (15060923)                465870.78
3763694.36        1.45832  (15071802)
        465855.07   3763687.49        1.45808  (12083024)                465843.78
3763669.32        1.47554  (15071802)
        465834.45   3763655.57        1.48747  (15071802)                465826.10
3763637.41        1.50167  (15071802)
        465820.21   3763611.38        1.50064  (15071802)                465802.54
3763613.35        1.50064  (15071802)
        465777.99   3763570.14        1.51650  (15071802)                465798.12
3763564.25        1.51171  (15060923)
        465819.72   3763561.80        1.49795  (15060923)                465838.87
3763604.51        1.47334  (15060923)
        465876.67   3763602.06        1.43169  (15060923)                465898.28
3763596.66        1.41318  (15060923)
        465887.97   3763627.10        1.42810  (15060923)                465907.61
3763640.84        1.42491  (15060923)
        465911.04   3763659.99        1.42743  (12071323)                465946.88
3763634.95        1.37126  (15060923)
        465942.96   3763617.28        1.34600  (15060923)                465938.54
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3763592.24        1.30895  (16072221)
        465917.92   3763594.69        1.36924  (15060923)               465836.90
3763555.90        1.47673  (15060923)
        465857.03   3763550.99        1.44498  (15060923)               465877.17
3763550.01        1.42203  (15060923)
        465896.80   3763543.63        1.37768  (16072221)               465916.93
3763542.16        1.33694  (16072221)
        465933.63   3763538.23        1.29341  (16072221)               465967.01
3763530.86        1.21831  (16072221)
        465977.82   3763550.50        1.24831  (16072221)               465981.25
3763569.16        1.26479  (16072221)
        465985.67   3763587.33        1.26380  (16072221)               465991.07
3763608.44        1.29266  (16072221)
        465995.98   3763624.15        1.31014  (15060923)               466001.87
3763640.35        1.35276  (15060923)
        466001.38   3763662.45        1.39300  (15060923)               466011.69
3763677.18        1.40747  (12071323)
        465782.90   3763526.94        1.39661  (15071802)               465800.08
3763525.46        1.40138  (15060923)
        465828.07   3763519.57        1.40036  (15060923)               465839.85
3763511.72        1.37757  (15060923)
        465869.31   3763507.79        1.36985  (16072221)               465874.71
3763489.13        1.32696  (16072221)
        465926.75   3763511.22        1.26583  (16072221)               465927.74
3763493.55        1.22196  (16072221)
        465442.39   3763223.49        1.96261  (13062606)               465450.32
3763240.18        1.93350  (13062606)
        465464.51   3763253.96        1.89107  (13062606)               464510.03
3763571.36        5.64596  (12091324)
        464487.21   3763576.49        4.98612  (12091324)               464506.44
3763554.95        5.59775  (13062606)
        464493.11   3763544.44        5.17033  (13062606)               464495.67
3763548.03        5.24635  (16062001)
        464471.92   3763602.84        4.59292  (15101324)               465080.33
3762842.73        9.29056  (13062606)
        465092.34   3762854.19        7.90148  (13062606)               465102.17
3762864.02        7.07506  (13062606)
        465114.18   3762873.84        6.35982  (13062606)               465123.45
3762883.12        5.88197  (13062606)
        465132.73   3762891.31        5.50061  (13062606)               465143.10
3762900.04        5.14391  (13062606)
        465153.48   3762914.23        4.77252  (13062606)               465160.57
3762921.88        4.57458  (13062606)
        465173.13   3762932.25        4.29554  (13062606)               465184.04
3762943.16        4.06797  (13062606)
        465191.14   3762950.80        3.93055  (13062606)               465204.24
3762960.63        3.72976  (13062606)
        465213.52   3762971.00        3.58163  (13062606)               465077.60
3762811.62       12.19592  (13062606)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK2   ***
                                INCLUDING SOURCE(S):   L0002278   , L0002279
, L0002280   , L0002281   , L0002282   ,
                  L0002283   , L0002284   , L0002285   , L0002286   , L0002287
, L0002288   , L0002289   , L0002290   ,
                  L0002291   , L0002292   , L0002293   , L0002294   , L0002295
, L0002296   , L0002297   , L0002298   ,
                  L0002299   , L0002300   , L0002301   , L0002302   , L0002303
, L0002304   , L0002305   , . . .   ,

                                          *** 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)
 -
- -
        465090.16   3762794.70   12.15872 (13062606)   465097.25
3762780.50   12.71314 (13062606)
        465107.63   3762766.86   12.60620 (13062606)   465115.81
3762751.58   13.14089 (13062606)
        465126.73   3762734.11   13.47619 (13062606)   465135.46
3762719.37   13.89291 (13062606)
        465144.74   3762701.36   14.81716 (13062606)   465157.89
3762710.25   11.16434 (13062606)
        465149.18   3762726.68   10.76341 (13062606)   465140.13
3762741.76   10.54603 (13062606)
        465129.74   3762758.19   10.38447 (13062606)   465121.69
3762770.26   10.31205 (13062606)
        465113.64   3762787.69   9.84986 (13062606)   465102.58
3762801.43   9.96504 (13062606)
        465092.53   3762819.20   9.69107 (13062606)   465104.93
3762826.57   8.33080 (13062606)
        465114.65   3762832.94   7.52341 (13062606)   465144.48
3762853.39   5.88385 (13062606)
        465153.87   3762866.80   5.41180 (13062606)   465163.59
3762873.17   5.11010 (13062606)
        465173.65   3762881.88   4.81059 (13062606)   465187.39
3762894.29   4.45564 (13062606)

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        465192.42   3762902.67        4.30478  (13062606)               465203.82
3762913.39        4.06810  (13062606)
        465209.85   3762924.12        3.91746  (13062606)               465223.60
3762934.85        3.70244  (13062606)
        465252.42   3762915.07        3.54774  (13062606)               465264.16
3762904.68        3.49932  (13062606)
        465279.58   3762897.30        3.40264  (13062606)               465288.63
3762891.27        3.35596  (13062606)
        465299.02   3762884.90        3.30024  (13062606)               465313.43
3762874.84        3.22997  (13062606)
        465260.41   3762831.55        4.02919  (13062606)               465279.90
3762818.56        3.89037  (13062606)
        465309.13   3762802.32        3.66830  (13062606)               465332.79
3762790.26        3.49161  (13062606)
        465359.24   3762774.95        3.31268  (13062606)               465390.79
3762709.99        3.32045  (13062606)
        465361.09   3762713.70        3.63750  (13062606)               465186.17
3762739.22        7.31711  (13062606)
        465203.34   3762727.16        6.93410  (13062606)               465215.87
3762719.73        6.63963  (13062606)
        465234.89   3762708.13        6.24567  (13062606)               465248.35
3762704.42        5.89776  (13062606)
        465266.90   3762690.04        5.63938  (13062606)               465278.97
3762684.93        5.40252  (13062606)
        465294.74   3762673.80        5.18170  (13062606)               465305.88
3762669.62        4.97772  (13062606)
        465324.44   3762658.95        4.70585  (13062606)               465335.57
3762651.99        4.55528  (13062606)
        465356.45   3762640.86        4.26351  (13062606)               465364.80
3762651.53        4.02725  (13062606)
        465369.44   3762663.59        3.86368  (13062606)               465408.42
3762642.71        3.50535  (14090820)
        465418.16   3762663.59        3.30827  (14090820)               465548.54
3762581.47        3.00302  (13082619)
        465548.54   3762541.57        3.20451  (15100819)               465576.84
3762516.05        3.16478  (13100618)
        465608.85   3762507.23        3.03369  (13100618)               465626.48
3762496.56        2.96594  (13100618)
        465648.75   3762483.11        2.89096  (16083120)               465679.84
3762470.58        2.78391  (16083120)
        465697.47   3762453.88        2.73931  (13090221)               465708.61
3762467.33        2.67811  (16083120)
        465720.21   3762501.67        2.58682  (13100618)               465706.29
3762507.23        2.63101  (13100618)
        465680.77   3762512.34        2.71515  (13100618)               465650.15
3762525.79        2.79848  (13100618)
        465621.84   3762530.43        2.90667  (13100618)               465609.32
3762570.80        2.80927  (13082619)
        465597.72   3762593.07        2.77333  (13082619)               465466.93
3762523.28        4.12550  (12041107)
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3762027.07 1.27690 (13072620)
466372.60 3762046.16 1.29858 (13072620) 466413.64
3762063.55 1.38097 (12080920)
466414.21 3762046.16 1.34999 (13072620) 466458.95
3762015.67 1.58509 (12092321)
466437.58 3761986.03 1.46102 (12092321) 466452.97
3761976.62 1.52294 (12092321)
466501.13 3762012.25 1.66522 (16081721) 466519.94
3762058.99 1.71166 (12072022)
466557.27 3762034.19 1.97842 (12072022) 466527.92
3761996.29 1.73160 (16081721)
466518.23 3762033.91 1.76021 (16081721) 466547.01
3762016.52 1.92533 (16081721)
466361.23 3761910.97 1.24172 (15070221) 466392.75
3761859.34 1.63449 (15072022)
466437.01 3761856.66 1.56280 (13082320) 466667.45
3761397.88 1.81927 (13090421)
466654.92 3761408.56 1.82711 (13090421) 466620.57
3761311.09 1.74779 (16082823)
466644.70 3761353.33 1.78616 (16082823) 467171.74
3761628.78 1.86596 (15073003)
467160.82 3761592.16 1.87430 (13092321) 467178.81
3761577.39 1.87807 (13092321)
467217.35 3761552.33 1.88819 (12030521) 467195.67
3761726.98 1.92281 (16071324)
467217.02 3761765.04 1.88604 (16071324) 467244.41
3761802.18 1.86314 (12080123)
466609.01 3760870.30 1.78201 (13090521) 466590.45
3760838.62 1.79208 (15092721)
466550.04 3760856.64 1.80908 (15092620) 466511.26
3760738.68 1.79702 (14083024)
466516.72 3760721.21 1.78443 (14083024) 466484.50
3760653.49 1.77737 (12081621)
466405.86 3760662.23 1.79854 (12081621) 466418.42
3760685.17 1.81284 (12081722)
466436.99 3760693.90 1.80618 (12081722) 466469.21
3760637.11 1.79831 (12081621)
466422.25 3760602.16 1.75905 (12081621) 466442.45
3760585.77 1.75197 (12081621)
466331.59 3760843.54 1.80811 (12081722) 466230.02
3760624.00 1.68002 (12090322)
466169.95 3760518.60 1.63092 (12092021) 466228.38
3760625.64 1.67709 (12090322)
466519.10 3761138.93 1.80253 (12090522) 466541.38
3761178.39 1.79241 (12090522)
466448.07 3761006.15 1.85640 (13090521) 466426.71
3760962.05 1.87288 (12091922)
466082.34 3759528.59 1.21754 (13091724) 466025.48
3759415.59 1.12365 (12091920)
464938.75 3759307.56 0.78646 (15092703) 464884.77

3759310.77   0.67651 (16091920)
        464807.00   3759384.68   0.41541 (13013118)   465649.97
3758786.54   1.06736 (13070301)
        465761.16   3758976.01   1.07987 (12090602)   465106.46
3758565.04   0.37374 (15013120)
        465110.02   3758591.73   0.37304 (15013120)   465314.61
3758492.99   0.93807 (16082004)
        465402.68   3758645.10   0.98631 (13090322)   465036.18
3758154.96   0.92422 (14070703)
        465050.42   3758090.91   0.99206 (14070703)   465045.97
3758063.34   1.03737 (14070703)
        464984.59   3758199.44   0.87119 (14070703)   464928.55
3758219.90   0.83024 (12102820)
        465206.98   3757892.54   0.93949 (12052822)   465151.83
3757604.33   0.97581 (14070703)
        465117.13   3757566.08   0.92163 (14070703)   465094.89
3757499.37   0.91064 (14070703)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK2   ***
                                 INCLUDING SOURCE(S):   L0002278   , L0002279
, L0002280   , L0002281   , L0002282   ,
                   L0002283   , L0002284   , L0002285   , L0002286   , L0002287
, L0002288   , L0002289   , L0002290   ,
                   L0002291   , L0002292   , L0002293   , L0002294   , L0002295
, L0002296   , L0002297   , L0002298   ,
                   L0002299   , L0002300   , L0002301   , L0002302   , L0002303
, L0002304   , L0002305   , . . .   ,

                                                *** 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)
 -
- -
        465051.31   3757417.53   0.83361 (14070703)   464972.14
3757605.22   1.07108 (12102820)
        464940.11   3757550.07   0.98321 (12102820)   464916.10
3757510.93   0.90573 (12102820)

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        464894.75   3757478.91        0.85482  (13082321)              464699.94
3757333.02        0.65503  (14072222)
        464481.11   3757131.09        0.47673  (16013106)              464361.91
3756866.90        0.40410  (12112317)
        464281.85   3756591.14        0.44023  (16060105)              464235.59
3756543.11        0.43395  (14090904)
        464253.39   3756616.05        0.43459  (16060105)              464677.39
3755989.20        0.61760  (13082321)
        464700.79   3756069.23        0.60707  (13082321)              464752.50
3756072.92        0.60753  (13082321)
        464726.64   3756045.84        0.61565  (13082321)              464726.64
3755885.78        0.65097  (13082321)
        464709.41   3755930.10        0.63983  (13082321)              464770.97
3755917.79        0.65257  (13082321)
        464799.28   3755932.57        0.65447  (13082321)              464903.94
3755872.24        0.69017  (12102820)
        464855.92   3755837.76        0.69260  (13082321)              464357.52
3756197.03        0.52272  (15061604)
        463971.35   3755883.07        0.52796  (14120817)              463777.74
3756154.12        0.42033  (16061921)
        463401.30   3755910.15        0.46185  (13092421)              463310.23
3755300.27        0.48598  (16062124)
        463828.59   3755755.84        0.52685  (14050322)              461422.35
3754393.19        0.21107  (15092022)
        461581.60   3754502.61        0.18910  (14051923)              461732.84
3754617.38        0.20506  (14051923)
        463584.74   3773404.24        0.60315  (13080724)              463565.61
3773428.58        0.60000  (13080724)
        463452.60   3772407.95        0.68358  (16101802)              463381.18
3772107.58        0.71304  (15101123)
        463456.01   3771996.49        0.72505  (16101802)              463382.72
3771899.28        0.74184  (15101123)
        463391.98   3771839.87        0.74762  (15101123)              463450.61
3771836.01        0.73912  (16101802)
        463449.07   3771509.67        0.78563  (15101123)              463128.13
3771147.07        0.80655  (16070904)
        463081.29   3771178.48        0.80663  (12092204)              463387.17
3770930.69        0.85433  (15082306)
        463393.52   3770784.56        0.87522  (15082306)              464272.60
3770316.61        0.96424  (12081604)
        464292.70   3770216.83        0.97922  (12081604)              464857.42
3770180.33        0.97953  (13072806)
        464911.10   3770169.59        0.98051  (16082904)              472010.14
3773350.14        0.56875  (14083104)
        472017.02   3773222.10        0.57214  (14083104)              472090.00
3771728.63        0.62508  (16092923)
        472065.13   3771814.18        0.62255  (16092923)              472215.84
3771412.29        0.64727  (15072806)
        472243.69   3771355.59        0.64573  (15072806)              472254.14
3771342.16        0.64411  (15072806)
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        469633.06   3764556.22        1.42902  (12091923)               469567.11
3764486.31        1.44616  (12091923)
        469724.07   3764529.84        1.42229  (12091923)               468422.23
3764520.61        1.19932  (12081705)
        468748.02   3764105.13        1.50463  (12091923)               468964.34
3764293.74        1.47428  (12091923)
        468800.09   3764957.17        1.26059  (12083005)               469497.47
3764314.56        1.47147  (13091424)
        468138.32   3763601.28        1.59573  (12090424)               468310.81
3763707.06        1.58966  (14071603)
        471167.46   3765485.21        1.22323  (15091224)               471211.21
3765490.07        1.21357  (15091224)
        471132.46   3765415.22        1.21768  (15091224)               471094.55
3765508.54        1.23648  (15091224)
        471117.88   3765508.54        1.23316  (15091224)               471262.76
3766806.52        1.09039  (14081424)
        471323.17   3766798.09        1.09245  (14081424)               471338.62
3766865.52        1.08010  (14090102)
        471411.67   3766831.80        1.07546  (14081424)               471460.13
3766840.94        1.07021  (14081424)
        471453.11   3766880.27        1.06552  (14081424)               471524.05
3766845.15        1.06347  (14081424)
        471542.31   3766851.47        1.06092  (14081424)               473015.63
3767913.38        0.84582  (15081005)
        473085.40   3768000.30        0.82859  (14101102)               473037.37
3768050.63        0.82994  (14101102)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 445
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK2   ***
                                INCLUDING SOURCE(S):     L0002278    , L0002279
, L0002280    , L0002281    , L0002282    ,
                L0002283    , L0002284    , L0002285    , L0002286    , L0002287
, L0002288    , L0002289    , L0002290    ,
                L0002291    , L0002292    , L0002293    , L0002294    , L0002295
, L0002296    , L0002297    , L0002298    ,
                L0002299    , L0002300    , L0002301    , L0002302    , L0002303
, L0002304    , L0002305    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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```
      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87        0.78261  (13083103)               472579.11
3768572.78        0.77301  (13083103)
        468876.69   3760856.73        1.73395  (13062922)               468877.41
3760872.49        1.75511  (13062922)
        468836.56   3760820.18        1.66384  (13083023)               468916.10
3760787.22        1.66017  (13083023)
        467288.87   3772358.98        0.69910  (12091003)               467212.83
3772366.58        0.69023  (14100823)
        466930.26   3771522.88        0.77753  (14100823)               467229.10
3771542.73        0.77342  (13091522)
        467954.03   3771528.72        0.76656  (12081405)               467908.50
3771580.08        0.77290  (12081405)
        466335.05   3772522.99        0.70941  (13051906)               474189.68
3773011.06        0.52800  (14070601)
        468146.89   3760234.01        1.39266  (12072106)               468083.74
3760112.97        1.37370  (12081622)
        467468.53   3758412.46        1.24490  (12090502)               470144.04
3757934.27        0.84596  (13070221)
        468846.85   3759822.78        1.20502  (12072106)               471818.84
3757032.99        0.61747  (13111623)
        473670.24   3755859.61        0.49425  (13111623)               473859.09
3756296.15        0.50855  (16031923)
        475261.57   3755676.95        0.48504  (16031923)               474899.34
3755738.87        0.47775  (12070103)
        474763.12   3755779.12        0.47859  (12070103)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 446
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK3   ***
                                  INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,
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*** 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)
465370.10	3764407.54	3.93284	(16091823)	465383.87	3764412.76	3.77475	(16091823)
465401.45	3764436.51	3.42298	(15090105)	465402.58	3764410.16	3.60121	(13020301)
465401.09	3764424.54	3.51057	(15090105)	465707.10	3763626.13	1.32878	(13062606)
465720.25	3763639.94	1.30976	(13062606)	465732.08	3763652.44	1.29230	(13062606)
465743.26	3763670.85	1.27719	(13062606)	465752.47	3763683.34	1.26373	(13062606)
465762.99	3763695.83	1.24772	(13062606)	465771.53	3763711.61	1.23567	(13062606)
465789.95	3763743.18	1.20721	(13062606)	465649.89	3763549.86	1.40149	(13062606)
465642.00	3763538.68	1.41072	(13062606)	465628.85	3763513.69	1.42332	(13062606)
465621.61	3763502.52	1.43116	(13062606)	465609.78	3763485.42	1.44464	(13062606)
465599.26	3763471.61	1.45707	(13062606)	465582.82	3763441.36	1.47349	(13062606)
465676.19	3763559.06	1.35970	(13062606)	465700.52	3763547.89	1.31700	(13062606)
465718.93	3763545.91	1.28862	(13062606)	465723.53	3763582.74	1.28982	(13062606)
465734.05	3763574.19	1.27177	(13062606)	465757.73	3763572.22	1.23661	(13062606)
465759.04	3763535.39	1.23021	(13062606)	465743.26	3763540.00	1.25244	(13062606)
465764.96	3763482.79	1.21939	(13062606)	465745.89	3763484.76	1.24350	(13062606)
465717.62	3763493.31	1.28168	(13062606)	465704.46	3763496.60	1.30044	(13062606)
465680.79	3763503.17	1.33615	(13062606)	465672.25	3763478.84	1.34398	(13062606)
465663.04	3763463.06	1.35454	(13062606)	465651.20	3763445.97	1.36880	(13062606)
465636.08	3763428.21	1.38778	(13062606)	465652.52	3763417.04	1.36319	(13062606)
465670.93	3763405.86	1.33750	(13062606)	465699.20	3763447.28	1.30284	(13062606)

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        465707.75   3763468.98        1.29303  (13062606)               465690.66
3763401.91        1.31171  (13062606)
        465707.75   3763424.93        1.29042  (13062606)               465730.11
3763417.69        1.26225  (13062606)
        465711.70   3763390.08        1.28529  (13062606)               465730.11
3763375.61        1.26392  (13062606)
        465748.52   3763405.86        1.24062  (13062606)               465759.70
3763392.05        1.22861  (13062606)
        465759.04   3763453.86        1.22668  (13062606)               465772.19
3763445.31        1.21124  (13062606)
        465786.66   3763436.76        1.19500  (13062606)               465473.67
3763269.09        1.62629  (13062606)
        465484.85   3763283.56        1.60631  (13062606)               465494.05
3763298.02        1.59060  (13062606)
        465507.20   3763317.75        1.56962  (13062606)               465513.78
3763331.56        1.55988  (13062606)
        465524.30   3763347.34        1.54477  (13062606)               465534.82
3763363.77        1.53045  (13062606)
        465543.37   3763376.93        1.51923  (13062606)               465553.23
3763391.39        1.50677  (13062606)
        465557.83   3763407.17        1.50357  (13062606)               465570.33
3763422.95        1.48793  (13062606)
        465734.77   3763819.90        1.32339  (13062606)               465803.72
3763759.50        1.18485  (13062606)
        465813.22   3763774.61        1.16939  (13062606)               465815.89
3763795.75        1.16458  (13062606)
        465834.62   3763804.85        1.13358  (13062606)               465852.68
3763808.30        1.10509  (13062606)
        465873.18   3763799.25        1.07606  (13062606)               465894.89
3763786.89        1.04817  (13062606)
        465910.87   3763778.44        1.02903  (13062606)               465859.91
3763750.10        1.09890  (13062606)
        465845.74   3763733.22        1.11964  (13062606)               465835.19
3763717.54        1.13503  (13062606)
        465826.45   3763700.65        1.14754  (13062606)               465814.08
3763685.27        1.16511  (13062606)
        465802.63   3763664.77        1.18075  (13062606)               465792.98
3763652.71        1.19406  (13062606)
        465783.63   3763638.54        1.20659  (13062606)               465772.47
3763619.24        1.22099  (13062606)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 447
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK3   ***
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```
                                  INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465945.90   3763759.17        0.99104  (13062606)                465965.05
3763747.39        0.97732  (13082523)
        465977.82   3763739.53        0.98136  (13082523)                465994.51
3763729.22        0.96998  (13082523)
        466008.75   3763716.45        0.97907  (15092723)                466020.53
3763697.31        0.97409  (15092723)
        465881.58   3763738.06        1.07065  (13062606)                465897.30
3763730.20        1.05155  (13062606)
        465915.46   3763717.93        1.03119  (13062606)                465928.23
3763706.64        1.02171  (16060223)
        465940.99   3763691.91        1.01343  (16060223)                465948.85
3763672.76        1.01468  (13070822)
        465950.81   3763653.61        1.02351  (13070822)                465870.78
3763694.36        1.08761  (13062606)
        465855.07   3763687.49        1.10824  (13062606)                465843.78
3763669.32        1.12352  (13062606)
        465834.45   3763655.57        1.13597  (13062606)                465826.10
3763637.41        1.14688  (13062606)
        465820.21   3763611.38        1.15402  (13062606)                465802.54
3763613.35        1.17767  (13062606)
        465777.99   3763570.14        1.20813  (13062606)                465798.12
3763564.25        1.18111  (13062606)
        465819.72   3763561.80        1.15385  (13062606)                465838.87
3763604.51        1.13013  (13062606)
        465876.67   3763602.06        1.08658  (13070822)                465898.28
3763596.66        1.06688  (13070822)
        465887.97   3763627.10        1.07735  (13070822)                465907.61
3763640.84        1.06213  (13070822)
        465911.04   3763659.99        1.05667  (13070822)                465946.88
3763634.95        1.02132  (13070822)
        465942.96   3763617.28        1.01542  (13070822)                465938.54
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3763592.24        1.02088  (13062606)
        465917.92   3763594.69        1.04138  (13062606)                465836.90
3763555.90        1.13327  (13062606)
        465857.03   3763550.99        1.11037  (13062606)                465877.17
3763550.01        1.08839  (13062606)
        465896.80   3763543.63        1.06837  (13062606)                465916.93
3763542.16        1.04828  (13062606)
        465933.63   3763538.23        1.03263  (13062606)                465967.01
3763530.86        1.00320  (13062606)
        465977.82   3763550.50        0.99062  (13062606)                465981.25
3763569.16        0.98459  (13062606)
        465985.67   3763587.33        0.97776  (13062606)                465991.07
3763608.44        0.96965  (13062606)
        465995.98   3763624.15        0.97242  (13070822)                466001.87
3763640.35        0.98106  (13070822)
        466001.38   3763662.45        0.99349  (15092723)                466011.69
3763677.18        0.98804  (15092723)
        465782.90   3763526.94        1.19847  (13062606)                465800.08
3763525.46        1.17718  (13062606)
        465828.07   3763519.57        1.14430  (13062606)                465839.85
3763511.72        1.13137  (13062606)
        465869.31   3763507.79        1.10010  (13062606)                465874.71
3763489.13        1.09633  (13062606)
        465926.75   3763511.22        1.04279  (13062606)                465927.74
3763493.55        1.04428  (13062606)
        465442.39   3763223.49        1.68993  (13062606)                465450.32
3763240.18        1.67136  (13062606)
        465464.51   3763253.96        1.64397  (13062606)                464510.03
3763571.36        4.82530  (15090824)
        464487.21   3763576.49        4.31116  (15090824)                464506.44
3763554.95        4.72325  (15090824)
        464493.11   3763544.44        4.30003  (15090824)                464495.67
3763548.03        4.39013  (15090824)
        464471.92   3763602.84        4.03003  (15090824)                465080.33
3762842.73        6.82304  (13062606)
        465092.34   3762854.19        5.85012  (13062606)                465102.17
3762864.02        5.26177  (13062606)
        465114.18   3762873.84        4.74982  (13062606)                465123.45
3762883.12        4.40621  (13062606)
        465132.73   3762891.31        4.13259  (13062606)                465143.10
3762900.04        3.87731  (13062606)
        465153.48   3762914.23        3.61157  (13062606)                465160.57
3762921.88        3.47097  (13062606)
        465173.13   3762932.25        3.27393  (13062606)                465184.04
3762943.16        3.11386  (13062606)
        465191.14   3762950.80        3.01761  (13062606)                465204.24
3762960.63        2.87819  (13062606)
        465213.52   3762971.00        2.77544  (13062606)                465077.60
3762811.62        8.88806  (13062606)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK3   ***
                                INCLUDING SOURCE(S):   L0003546   , L0003547
, L0003548   , L0003549   , L0003550   ,
                  L0003551   , L0003552   , L0003553   , L0003554   , L0003555
, L0003556   , L0003557   , L0003558   ,
                  L0003559   , L0003560   , L0003561   , L0003562   , L0003563
, L0003564   , L0003565   , L0003566   ,
                  L0003567   , L0003568   , L0003569   , L0003570   , L0003571
, L0003572   , L0003573   , . . .   ,

                                                *** 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)
 -
- -
        465090.16   3762794.70   8.99606 (13062606)   465097.25
3762780.50   9.50262 (13062606)
        465107.63   3762766.86   9.56043 (13062606)   465115.81
3762751.58   10.11437 (13062606)
        465126.73   3762734.11   10.57876 (13062606)   465135.46
3762719.37   11.10510 (13062606)
        465144.74   3762701.36   12.14866 (13062606)   465157.89
3762710.25   8.92260 (13062606)
        465149.18   3762726.68   8.47992 (13062606)   465140.13
3762741.76   8.20886 (13062606)
        465129.74   3762758.19   7.98287 (13062606)   465121.69
3762770.26   7.85725 (13062606)
        465113.64   3762787.69   7.42619 (13062606)   465102.58
3762801.43   7.44171 (13062606)
        465092.53   3762819.20   7.17314 (13062606)   465104.93
3762826.57   6.20444 (13062606)
        465114.65   3762832.94   5.62030 (13062606)   465144.48
3762853.39   4.42735 (13062606)
        465153.87   3762866.80   4.08232 (13062606)   465163.59
3762873.17   3.86539 (13062606)
        465173.65   3762881.88   3.65046 (13062606)   465187.39
3762894.29   3.39735 (13062606)

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        465192.42   3762902.67        3.28952  (13062606)               465203.82
3762913.39        3.12277  (13062606)
        465209.85   3762924.12        3.01610  (13062606)               465223.60
3762934.85        2.86679  (13062606)
        465252.42   3762915.07        2.77142  (13062606)               465264.16
3762904.68        2.74446  (13062606)
        465279.58   3762897.30        2.68492  (13062606)               465288.63
3762891.27        2.65795  (13062606)
        465299.02   3762884.90        2.62568  (13062606)               465313.43
3762874.84        2.58697  (13062606)
        465260.41   3762831.55        3.14504  (13062606)               465279.90
3762818.56        3.06248  (13062606)
        465309.13   3762802.32        2.93029  (13062606)               465332.79
3762790.26        2.82770  (13062606)
        465359.24   3762774.95        2.73056  (13062606)               465390.79
3762709.99        2.82681  (13062606)
        465361.09   3762713.70        3.02072  (13062606)               465186.17
3762739.22        5.67070  (13062606)
        465203.34   3762727.16        5.39377  (13062606)               465215.87
3762719.73        5.17480  (13062606)
        465234.89   3762708.13        4.88408  (13062606)               465248.35
3762704.42        4.62186  (13062606)
        465266.90   3762690.04        4.44457  (13062606)               465278.97
3762684.93        4.27581  (13062606)
        465294.74   3762673.80        4.13129  (13062606)               465305.88
3762669.62        3.99317  (13062606)
        465324.44   3762658.95        3.82382  (13062606)               465335.57
3762651.99        3.73590  (13062606)
        465356.45   3762640.86        3.56809  (13062606)               465364.80
3762651.53        3.38966  (13062606)
        465369.44   3762663.59        3.25783  (13062606)               465408.42
3762642.71        3.04898  (13062606)
        465418.16   3762663.59        2.86789  (13062606)               465548.54
3762581.47        2.50851  (13062606)
        465548.54   3762541.57        2.66526  (13062606)               465576.84
3762516.05        2.64213  (13062606)
        465608.85   3762507.23        2.54518  (13062606)               465626.48
3762496.56        2.52130  (13062606)
        465648.75   3762483.11        2.49610  (13062606)               465679.84
3762470.58        2.44422  (13062606)
        465697.47   3762453.88        2.45766  (13062606)               465708.61
3762467.33        2.37118  (13062606)
        465720.21   3762501.67        2.21998  (13062606)               465706.29
3762507.23        2.23753  (13062606)
        465680.77   3762512.34        2.28963  (13062606)               465650.15
3762525.79        2.33454  (13062606)
        465621.84   3762530.43        2.41040  (13062606)               465609.32
3762570.80        2.31810  (13062606)
        465597.72   3762593.07        2.28769  (13062606)               465466.93
3762523.28        3.29837  (13062606)
```

3762027.07 2.98629 (13062606)
466372.60 3762046.16 2.79412 (13062606) 466413.64
3762063.55 2.52817 (13062606)
466414.21 3762046.16 2.64068 (13062606) 466458.95
3762015.67 2.69613 (13062606)
466437.58 3761986.03 3.03534 (13062606) 466452.97
3761976.62 3.05156 (13062606)
466501.13 3762012.25 2.56779 (13062606) 466519.94
3762058.99 2.24638 (13062606)
466557.27 3762034.19 2.57140 (13091422) 466527.92
3761996.29 2.62727 (15082519)
466518.23 3762033.91 2.38289 (12092219) 466547.01
3762016.52 2.66245 (15082822)
466361.23 3761910.97 4.93746 (13062606) 466392.75
3761859.34 6.44319 (13020218)
466437.01 3761856.66 5.49776 (13062606) 466667.45
3761397.88 5.90548 (12081622)
466654.92 3761408.56 5.84902 (12081622) 466620.57
3761311.09 5.00611 (14091223)
466644.70 3761353.33 5.33674 (14091223) 467171.74
3761628.78 3.41232 (12080701)
467160.82 3761592.16 3.71142 (12080701) 467178.81
3761577.39 3.69864 (12080701)
467217.35 3761552.33 3.68621 (16081722) 467195.67
3761726.98 2.89651 (15081224)
467217.02 3761765.04 2.62506 (15083001) 467244.41
3761802.18 2.40243 (13081724)
466609.01 3760870.30 6.50444 (15091023) 466590.45
3760838.62 6.05008 (15091023)
466550.04 3760856.64 7.97367 (12070806) 466511.26
3760738.68 5.45462 (12083121)
466516.72 3760721.21 5.12026 (12083121) 466484.50
3760653.49 4.73508 (12083121)
466405.86 3760662.23 6.49097 (12070806) 466418.42
3760685.17 6.68505 (12070806)
466436.99 3760693.90 6.25256 (12070806) 466469.21
3760637.11 4.75019 (12082506)
466422.25 3760602.16 5.03937 (12090502) 466442.45
3760585.77 4.58083 (12090502)
466331.59 3760843.54 5.66422 (12082506) 466230.02
3760624.00 7.33631 (13062606)
466169.95 3760518.60 6.98753 (13062606) 466228.38
3760625.64 7.15613 (12070506)
466519.10 3761138.93 4.69514 (15092721) 466541.38
3761178.39 4.67016 (13090521)
466448.07 3761006.15 5.26668 (15091023) 466426.71
3760962.05 5.69479 (15091023)
466082.34 3759528.59 2.28631 (15060923) 466025.48
3759415.59 2.12909 (13090323)
464938.75 3759307.56 1.53400 (13062606) 464884.77

3759310.77   1.42869 (13062606)
        464807.00   3759384.68   1.25499 (13062606)   465649.97
3758786.54   2.91783 (13090322)
        465761.16   3758976.01   2.26301 (12090602)   465106.46
3758565.04   7.51553 (13062606)
        465110.02   3758591.73   7.19463 (13062606)   465314.61
3758492.99   4.48911 (13082321)
        465402.68   3758645.10   4.00587 (14070703)   465036.18
3758154.96   9.23022 (16062703)
        465050.42   3758090.91   10.72543 (14120118)   465045.97
3758063.34   10.66700 (14120118)
        464984.59   3758199.44   6.61076 (14091221)   464928.55
3758219.90   4.94676 (16100620)
        465206.98   3757892.54   6.67896 (14070703)   465151.83
3757604.33   7.54781 (13082301)
        465117.13   3757566.08   7.42628 (13082301)   465094.89
3757499.37   6.69875 (12083024)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK3   ***
                                  INCLUDING SOURCE(S):   L0003546   , L0003547
, L0003548   , L0003549   , L0003550   ,
                  L0003551   , L0003552   , L0003553   , L0003554   , L0003555
, L0003556   , L0003557   , L0003558   ,
                  L0003559   , L0003560   , L0003561   , L0003562   , L0003563
, L0003564   , L0003565   , L0003566   ,
                  L0003567   , L0003568   , L0003569   , L0003570   , L0003571
, L0003572   , L0003573   , . . .   ,

                                                *** 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)
 -
- -
        465051.31   3757417.53   5.45719 (12083024)   464972.14
3757605.22   9.94601 (14091222)
        464940.11   3757550.07   10.54876 (14083104)   464916.10
3757510.93   10.92759 (14092423)

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        464894.75   3757478.91       11.08620  (15091301)               464699.94
3757333.02        6.80755  (13112916)
        464481.11   3757131.09        5.63134  (13062606)               464361.91
3756866.90        6.35742  (13062606)
        464281.85   3756591.14       10.22773  (13062606)               464235.59
3756543.11        7.23861  (13062606)
        464253.39   3756616.05        6.31373  (13062606)               464677.39
3755989.20        1.60718  (16062124)
        464700.79   3756069.23        1.60252  (16062124)               464752.50
3756072.92        1.57499  (14082701)
        464726.64   3756045.84        1.59680  (14082701)               464726.64
3755885.78        1.65461  (15101703)
        464709.41   3755930.10        1.64228  (14082701)               464770.97
3755917.79        1.64806  (15101703)
        464799.28   3755932.57        1.65295  (14050322)               464903.94
3755872.24        1.72635  (14090904)
        464855.92   3755837.76        1.75764  (14050322)               464357.52
3756197.03        2.38474  (13062606)
        463971.35   3755883.07        3.20064  (15081221)               463777.74
3756154.12        4.57734  (13062606)
        463401.30   3755910.15        3.32312  (13062606)               463310.23
3755300.27        2.99688  (12081705)
        463828.59   3755755.84        2.94415  (14100521)               461422.35
3754393.19        5.80722  (14090307)
        461581.60   3754502.61        7.22033  (13062606)               461732.84
3754617.38        6.37080  (13062606)
        463584.74   3773404.24        0.77304  (13091606)               463565.61
3773428.58        0.77015  (13091606)
        463452.60   3772407.95        0.85396  (15101123)               463381.18
3772107.58        0.87207  (15101123)
        463456.01   3771996.49        0.89256  (15101123)               463382.72
3771899.28        0.89107  (15082306)
        463391.98   3771839.87        0.89640  (15082306)               463450.61
3771836.01        0.90624  (15101123)
        463449.07   3771509.67        0.93225  (15082306)               463128.13
3771147.07        0.94191  (12092204)
        463081.29   3771178.48        0.93774  (13071801)               463387.17
3770930.69        0.97717  (16070904)
        463393.52   3770784.56        0.99429  (16070904)               464272.60
3770316.61        1.14547  (15092801)
        464292.70   3770216.83        1.16050  (15092801)               464857.42
3770180.33        1.20566  (14091101)
        464911.10   3770169.59        1.21111  (13072806)               472010.14
3773350.14        0.85908  (12081523)
        472017.02   3773222.10        0.85937  (12081523)               472090.00
3771728.63        0.91586  (12041824)
        472065.13   3771814.18        0.90730  (12041824)               472215.84
3771412.29        0.91505  (14081805)
        472243.69   3771355.59        0.92028  (12080704)               472254.14
3771342.16        0.92234  (12080704)
```

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        469633.06   3764556.22        1.56916  (14081603)               469567.11
3764486.31        1.60094  (14081603)
        469724.07   3764529.84        1.52215  (14081603)               468422.23
3764520.61        0.81354  (15060920)
        468748.02   3764105.13        1.46555  (16083024)               468964.34
3764293.74        1.54178  (16083024)
        468800.09   3764957.17        1.17918  (13101820)               469497.47
3764314.56        1.54447  (14081603)
        468138.32   3763601.28        1.02285  (15080323)               468310.81
3763707.06        1.19970  (14092506)
        471167.46   3765485.21        1.13697  (15082801)               471211.21
3765490.07        1.11870  (16102805)
        471132.46   3765415.22        1.13295  (16102805)               471094.55
3765508.54        1.18146  (15082801)
        471117.88   3765508.54        1.16937  (15082801)               471262.76
3766806.52        1.39154  (15082006)
        471323.17   3766798.09        1.36211  (15082006)               471338.62
3766865.52        1.36924  (15082006)
        471411.67   3766831.80        1.32773  (14081603)               471460.13
3766840.94        1.31693  (14081603)
        471453.11   3766880.27        1.31962  (14081603)               471524.05
3766845.15        1.29637  (14081603)
        471542.31   3766851.47        1.29009  (14081603)               473015.63
3767913.38        0.92049  (15082801)
        473085.40   3768000.30        0.90736  (15082801)               473037.37
3768050.63        0.91425  (15082801)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 451
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK3   ***
                                 INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                 L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                 L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                 L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87        0.90438  (14092423)               472579.11
3768572.78        0.89354  (14092423)
        468876.69   3760856.73        1.89440  (14090801)               468877.41
3760872.49        1.88367  (14090801)
        468836.56   3760820.18        1.97354  (14092524)               468916.10
3760787.22        1.91809  (14082822)
        467288.87   3772358.98        0.77671  (13120708)               467212.83
3772366.58        0.77896  (13120708)
        466930.26   3771522.88        0.83988  (13120708)               467229.10
3771542.73        0.82286  (14072905)
        467954.03   3771528.72        0.86966  (14091423)               467908.50
3771580.08        0.85906  (14091423)
        466335.05   3772522.99        0.88733  (12070406)               474189.68
3773011.06        0.75065  (13071724)
        468146.89   3760234.01        2.97200  (12081622)               468083.74
3760112.97        2.87146  (16040522)
        467468.53   3758412.46        1.76768  (12070506)               470144.04
3757934.27        1.22443  (12082622)
        468846.85   3759822.78        2.29182  (13091621)               471818.84
3757032.99        0.73834  (13062703)
        473670.24   3755859.61        0.54618  (12090423)               473859.09
3756296.15        0.53097  (14092422)
        475261.57   3755676.95        0.43993  (13051106)               474899.34
3755738.87        0.45708  (15101323)
        474763.12   3755779.12        0.46614  (12072106)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 452
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK4   ***
                                  INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,
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*** 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)
465370.10	3764407.54	3.93284	(16091823)	465383.87	3764412.76	3.77475	(16091823)
465401.45	3764436.51	3.42298	(15090105)	465402.58	3764410.16	3.60121	(13020301)
465401.09	3764424.54	3.51057	(15090105)	465707.10	3763626.13	1.32878	(13062606)
465720.25	3763639.94	1.30976	(13062606)	465732.08	3763652.44	1.29230	(13062606)
465743.26	3763670.85	1.27719	(13062606)	465752.47	3763683.34	1.26373	(13062606)
465762.99	3763695.83	1.24772	(13062606)	465771.53	3763711.61	1.23567	(13062606)
465789.95	3763743.18	1.20721	(13062606)	465649.89	3763549.86	1.40149	(13062606)
465642.00	3763538.68	1.41072	(13062606)	465628.85	3763513.69	1.42332	(13062606)
465621.61	3763502.52	1.43116	(13062606)	465609.78	3763485.42	1.44464	(13062606)
465599.26	3763471.61	1.45707	(13062606)	465582.82	3763441.36	1.47349	(13062606)
465676.19	3763559.06	1.35970	(13062606)	465700.52	3763547.89	1.31700	(13062606)
465718.93	3763545.91	1.28862	(13062606)	465723.53	3763582.74	1.28982	(13062606)
465734.05	3763574.19	1.27177	(13062606)	465757.73	3763572.22	1.23661	(13062606)
465759.04	3763535.39	1.23021	(13062606)	465743.26	3763540.00	1.25244	(13062606)
465764.96	3763482.79	1.21939	(13062606)	465745.89	3763484.76	1.24350	(13062606)
465717.62	3763493.31	1.28168	(13062606)	465704.46	3763496.60	1.30044	(13062606)
465680.79	3763503.17	1.33615	(13062606)	465672.25	3763478.84	1.34398	(13062606)
465663.04	3763463.06	1.35454	(13062606)	465651.20	3763445.97	1.36880	(13062606)
465636.08	3763428.21	1.38778	(13062606)	465652.52	3763417.04	1.36319	(13062606)
465670.93	3763405.86	1.33750	(13062606)	465699.20	3763447.28	1.30284	(13062606)

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        465707.75   3763468.98        1.29303  (13062606)               465690.66
3763401.91        1.31171  (13062606)
        465707.75   3763424.93        1.29042  (13062606)               465730.11
3763417.69        1.26225  (13062606)
        465711.70   3763390.08        1.28529  (13062606)               465730.11
3763375.61        1.26392  (13062606)
        465748.52   3763405.86        1.24062  (13062606)               465759.70
3763392.05        1.22861  (13062606)
        465759.04   3763453.86        1.22668  (13062606)               465772.19
3763445.31        1.21124  (13062606)
        465786.66   3763436.76        1.19500  (13062606)               465473.67
3763269.09        1.62629  (13062606)
        465484.85   3763283.56        1.60631  (13062606)               465494.05
3763298.02        1.59060  (13062606)
        465507.20   3763317.75        1.56962  (13062606)               465513.78
3763331.56        1.55988  (13062606)
        465524.30   3763347.34        1.54477  (13062606)               465534.82
3763363.77        1.53045  (13062606)
        465543.37   3763376.93        1.51923  (13062606)               465553.23
3763391.39        1.50677  (13062606)
        465557.83   3763407.17        1.50357  (13062606)               465570.33
3763422.95        1.48793  (13062606)
        465734.77   3763819.90        1.32339  (13062606)               465803.72
3763759.50        1.18485  (13062606)
        465813.22   3763774.61        1.16939  (13062606)               465815.89
3763795.75        1.16458  (13062606)
        465834.62   3763804.85        1.13358  (13062606)               465852.68
3763808.30        1.10509  (13062606)
        465873.18   3763799.25        1.07606  (13062606)               465894.89
3763786.89        1.04817  (13062606)
        465910.87   3763778.44        1.02903  (13062606)               465859.91
3763750.10        1.09890  (13062606)
        465845.74   3763733.22        1.11964  (13062606)               465835.19
3763717.54        1.13503  (13062606)
        465826.45   3763700.65        1.14754  (13062606)               465814.08
3763685.27        1.16511  (13062606)
        465802.63   3763664.77        1.18075  (13062606)               465792.98
3763652.71        1.19406  (13062606)
        465783.63   3763638.54        1.20659  (13062606)               465772.47
3763619.24        1.22099  (13062606)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 453
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK4   ***
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```
                                  INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                  L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                  L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                  L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465945.90   3763759.17        0.99104  (13062606)                465965.05
3763747.39        0.97732  (13082523)
        465977.82   3763739.53        0.98136  (13082523)                465994.51
3763729.22        0.96998  (13082523)
        466008.75   3763716.45        0.97907  (15092723)                466020.53
3763697.31        0.97409  (15092723)
        465881.58   3763738.06        1.07065  (13062606)                465897.30
3763730.20        1.05155  (13062606)
        465915.46   3763717.93        1.03119  (13062606)                465928.23
3763706.64        1.02171  (16060223)
        465940.99   3763691.91        1.01343  (16060223)                465948.85
3763672.76        1.01468  (13070822)
        465950.81   3763653.61        1.02351  (13070822)                465870.78
3763694.36        1.08761  (13062606)
        465855.07   3763687.49        1.10824  (13062606)                465843.78
3763669.32        1.12352  (13062606)
        465834.45   3763655.57        1.13597  (13062606)                465826.10
3763637.41        1.14688  (13062606)
        465820.21   3763611.38        1.15402  (13062606)                465802.54
3763613.35        1.17767  (13062606)
        465777.99   3763570.14        1.20813  (13062606)                465798.12
3763564.25        1.18111  (13062606)
        465819.72   3763561.80        1.15385  (13062606)                465838.87
3763604.51        1.13013  (13062606)
        465876.67   3763602.06        1.08658  (13070822)                465898.28
3763596.66        1.06688  (13070822)
        465887.97   3763627.10        1.07735  (13070822)                465907.61
3763640.84        1.06213  (13070822)
        465911.04   3763659.99        1.05667  (13070822)                465946.88
3763634.95        1.02132  (13070822)
        465942.96   3763617.28        1.01542  (13070822)                465938.54
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3763592.24        1.02088  (13062606)
        465917.92   3763594.69        1.04138  (13062606)                465836.90
3763555.90        1.13327  (13062606)
        465857.03   3763550.99        1.11037  (13062606)                465877.17
3763550.01        1.08839  (13062606)
        465896.80   3763543.63        1.06837  (13062606)                465916.93
3763542.16        1.04828  (13062606)
        465933.63   3763538.23        1.03263  (13062606)                465967.01
3763530.86        1.00320  (13062606)
        465977.82   3763550.50        0.99062  (13062606)                465981.25
3763569.16        0.98459  (13062606)
        465985.67   3763587.33        0.97776  (13062606)                465991.07
3763608.44        0.96965  (13062606)
        465995.98   3763624.15        0.97242  (13070822)                466001.87
3763640.35        0.98106  (13070822)
        466001.38   3763662.45        0.99349  (15092723)                466011.69
3763677.18        0.98804  (15092723)
        465782.90   3763526.94        1.19847  (13062606)                465800.08
3763525.46        1.17718  (13062606)
        465828.07   3763519.57        1.14430  (13062606)                465839.85
3763511.72        1.13137  (13062606)
        465869.31   3763507.79        1.10010  (13062606)                465874.71
3763489.13        1.09633  (13062606)
        465926.75   3763511.22        1.04279  (13062606)                465927.74
3763493.55        1.04428  (13062606)
        465442.39   3763223.49        1.68993  (13062606)                465450.32
3763240.18        1.67136  (13062606)
        465464.51   3763253.96        1.64397  (13062606)                464510.03
3763571.36        4.82530  (15090824)
        464487.21   3763576.49        4.31116  (15090824)                464506.44
3763554.95        4.72325  (15090824)
        464493.11   3763544.44        4.30003  (15090824)                464495.67
3763548.03        4.39013  (15090824)
        464471.92   3763602.84        4.03003  (15090824)                465080.33
3762842.73        6.82304  (13062606)
        465092.34   3762854.19        5.85012  (13062606)                465102.17
3762864.02        5.26177  (13062606)
        465114.18   3762873.84        4.74982  (13062606)                465123.45
3762883.12        4.40621  (13062606)
        465132.73   3762891.31        4.13259  (13062606)                465143.10
3762900.04        3.87731  (13062606)
        465153.48   3762914.23        3.61157  (13062606)                465160.57
3762921.88        3.47097  (13062606)
        465173.13   3762932.25        3.27393  (13062606)                465184.04
3762943.16        3.11386  (13062606)
        465191.14   3762950.80        3.01761  (13062606)                465204.24
3762960.63        2.87819  (13062606)
        465213.52   3762971.00        2.77544  (13062606)                465077.60
3762811.62        8.88806  (13062606)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TRUCK4   ***
INCLUDING SOURCE(S):   L0003546   , L0003547   , L0003548   , L0003549   , L0003550   ,
L0003551   , L0003552   , L0003553   , L0003554   , L0003555   , L0003556   , L0003557   , L0003558   ,
L0003559   , L0003560   , L0003561   , L0003562   , L0003563   , L0003564   , L0003565   , L0003566   ,
L0003567   , L0003568   , L0003569   , L0003570   , L0003571   , L0003572   , L0003573   , . . .   ,

*** 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)
465090.16	3762794.70	8.99606	(13062606)	465097.25	3762780.50	9.50262	(13062606)
465107.63	3762766.86	9.56043	(13062606)	465115.81	3762751.58	10.11437	(13062606)
465126.73	3762734.11	10.57876	(13062606)	465135.46	3762719.37	11.10510	(13062606)
465144.74	3762701.36	12.14866	(13062606)	465157.89	3762710.25	8.92260	(13062606)
465149.18	3762726.68	8.47992	(13062606)	465140.13	3762741.76	8.20886	(13062606)
465129.74	3762758.19	7.98287	(13062606)	465121.69	3762770.26	7.85725	(13062606)
465113.64	3762787.69	7.42619	(13062606)	465102.58	3762801.43	7.44171	(13062606)
465092.53	3762819.20	7.17314	(13062606)	465104.93	3762826.57	6.20444	(13062606)
465114.65	3762832.94	5.62030	(13062606)	465144.48	3762853.39	4.42735	(13062606)
465153.87	3762866.80	4.08232	(13062606)	465163.59	3762873.17	3.86539	(13062606)
465173.65	3762881.88	3.65046	(13062606)	465187.39	3762894.29	3.39735	(13062606)

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        465192.42   3762902.67        3.28952  (13062606)               465203.82
3762913.39        3.12277  (13062606)
        465209.85   3762924.12        3.01610  (13062606)               465223.60
3762934.85        2.86679  (13062606)
        465252.42   3762915.07        2.77142  (13062606)               465264.16
3762904.68        2.74446  (13062606)
        465279.58   3762897.30        2.68492  (13062606)               465288.63
3762891.27        2.65795  (13062606)
        465299.02   3762884.90        2.62568  (13062606)               465313.43
3762874.84        2.58697  (13062606)
        465260.41   3762831.55        3.14504  (13062606)               465279.90
3762818.56        3.06248  (13062606)
        465309.13   3762802.32        2.93029  (13062606)               465332.79
3762790.26        2.82770  (13062606)
        465359.24   3762774.95        2.73056  (13062606)               465390.79
3762709.99        2.82681  (13062606)
        465361.09   3762713.70        3.02072  (13062606)               465186.17
3762739.22        5.67070  (13062606)
        465203.34   3762727.16        5.39377  (13062606)               465215.87
3762719.73        5.17480  (13062606)
        465234.89   3762708.13        4.88408  (13062606)               465248.35
3762704.42        4.62186  (13062606)
        465266.90   3762690.04        4.44457  (13062606)               465278.97
3762684.93        4.27581  (13062606)
        465294.74   3762673.80        4.13129  (13062606)               465305.88
3762669.62        3.99317  (13062606)
        465324.44   3762658.95        3.82382  (13062606)               465335.57
3762651.99        3.73590  (13062606)
        465356.45   3762640.86        3.56809  (13062606)               465364.80
3762651.53        3.38966  (13062606)
        465369.44   3762663.59        3.25783  (13062606)               465408.42
3762642.71        3.04898  (13062606)
        465418.16   3762663.59        2.86789  (13062606)               465548.54
3762581.47        2.50851  (13062606)
        465548.54   3762541.57        2.66526  (13062606)               465576.84
3762516.05        2.64213  (13062606)
        465608.85   3762507.23        2.54518  (13062606)               465626.48
3762496.56        2.52130  (13062606)
        465648.75   3762483.11        2.49610  (13062606)               465679.84
3762470.58        2.44422  (13062606)
        465697.47   3762453.88        2.45766  (13062606)               465708.61
3762467.33        2.37118  (13062606)
        465720.21   3762501.67        2.21998  (13062606)               465706.29
3762507.23        2.23753  (13062606)
        465680.77   3762512.34        2.28963  (13062606)               465650.15
3762525.79        2.33454  (13062606)
        465621.84   3762530.43        2.41040  (13062606)               465609.32
3762570.80        2.31810  (13062606)
        465597.72   3762593.07        2.28769  (13062606)               465466.93
3762523.28        3.29837  (13062606)
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3762027.07 2.98629 (13062606)
466372.60 3762046.16 2.79412 (13062606) 466413.64
3762063.55 2.52817 (13062606)
466414.21 3762046.16 2.64068 (13062606) 466458.95
3762015.67 2.69613 (13062606)
466437.58 3761986.03 3.03534 (13062606) 466452.97
3761976.62 3.05156 (13062606)
466501.13 3762012.25 2.56779 (13062606) 466519.94
3762058.99 2.24638 (13062606)
466557.27 3762034.19 2.57140 (13091422) 466527.92
3761996.29 2.62727 (15082519)
466518.23 3762033.91 2.38289 (12092219) 466547.01
3762016.52 2.66245 (15082822)
466361.23 3761910.97 4.93746 (13062606) 466392.75
3761859.34 6.44319 (13020218)
466437.01 3761856.66 5.49776 (13062606) 466667.45
3761397.88 5.90548 (12081622)
466654.92 3761408.56 5.84902 (12081622) 466620.57
3761311.09 5.00611 (14091223)
466644.70 3761353.33 5.33674 (14091223) 467171.74
3761628.78 3.41232 (12080701)
467160.82 3761592.16 3.71142 (12080701) 467178.81
3761577.39 3.69864 (12080701)
467217.35 3761552.33 3.68621 (16081722) 467195.67
3761726.98 2.89651 (15081224)
467217.02 3761765.04 2.62506 (15083001) 467244.41
3761802.18 2.40243 (13081724)
466609.01 3760870.30 6.50444 (15091023) 466590.45
3760838.62 6.05008 (15091023)
466550.04 3760856.64 7.97367 (12070806) 466511.26
3760738.68 5.45462 (12083121)
466516.72 3760721.21 5.12026 (12083121) 466484.50
3760653.49 4.73508 (12083121)
466405.86 3760662.23 6.49097 (12070806) 466418.42
3760685.17 6.68505 (12070806)
466436.99 3760693.90 6.25256 (12070806) 466469.21
3760637.11 4.75019 (12082506)
466422.25 3760602.16 5.03937 (12090502) 466442.45
3760585.77 4.58083 (12090502)
466331.59 3760843.54 5.66422 (12082506) 466230.02
3760624.00 7.33631 (13062606)
466169.95 3760518.60 6.98753 (13062606) 466228.38
3760625.64 7.15613 (12070506)
466519.10 3761138.93 4.69514 (15092721) 466541.38
3761178.39 4.67016 (13090521)
466448.07 3761006.15 5.26668 (15091023) 466426.71
3760962.05 5.69479 (15091023)
466082.34 3759528.59 2.28631 (15060923) 466025.48
3759415.59 2.12909 (13090323)
464938.75 3759307.56 1.53400 (13062606) 464884.77

3759310.77   1.42869 (13062606)
        464807.00   3759384.68   1.25499 (13062606)   465649.97
3758786.54   2.91783 (13090322)
        465761.16   3758976.01   2.26301 (12090602)   465106.46
3758565.04   7.51553 (13062606)
        465110.02   3758591.73   7.19463 (13062606)   465314.61
3758492.99   4.48911 (13082321)
        465402.68   3758645.10   4.00587 (14070703)   465036.18
3758154.96   9.23022 (16062703)
        465050.42   3758090.91   10.72543 (14120118)   465045.97
3758063.34   10.66700 (14120118)
        464984.59   3758199.44   6.61076 (14091221)   464928.55
3758219.90   4.94676 (16100620)
        465206.98   3757892.54   6.67896 (14070703)   465151.83
3757604.33   7.54781 (13082301)
        465117.13   3757566.08   7.42628 (13082301)   465094.89
3757499.37   6.69875 (12083024)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK4   ***
                                  INCLUDING SOURCE(S):   L0003546   , L0003547
, L0003548   , L0003549   , L0003550   ,
                  L0003551   , L0003552   , L0003553   , L0003554   , L0003555
, L0003556   , L0003557   , L0003558   ,
                  L0003559   , L0003560   , L0003561   , L0003562   , L0003563
, L0003564   , L0003565   , L0003566   ,
                  L0003567   , L0003568   , L0003569   , L0003570   , L0003571
, L0003572   , L0003573   , . . .   ,

                                                *** 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)
 -
- -
        465051.31   3757417.53   5.45719 (12083024)   464972.14
3757605.22   9.94601 (14091222)
        464940.11   3757550.07   10.54876 (14083104)   464916.10
3757510.93   10.92759 (14092423)

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        464894.75   3757478.91       11.08620  (15091301)               464699.94
3757333.02        6.80755  (13112916)
        464481.11   3757131.09        5.63134  (13062606)               464361.91
3756866.90        6.35742  (13062606)
        464281.85   3756591.14       10.22773  (13062606)               464235.59
3756543.11        7.23861  (13062606)
        464253.39   3756616.05        6.31373  (13062606)               464677.39
3755989.20        1.60718  (16062124)
        464700.79   3756069.23        1.60252  (16062124)               464752.50
3756072.92        1.57499  (14082701)
        464726.64   3756045.84        1.59680  (14082701)               464726.64
3755885.78        1.65461  (15101703)
        464709.41   3755930.10        1.64228  (14082701)               464770.97
3755917.79        1.64806  (15101703)
        464799.28   3755932.57        1.65295  (14050322)               464903.94
3755872.24        1.72635  (14090904)
        464855.92   3755837.76        1.75764  (14050322)               464357.52
3756197.03        2.38474  (13062606)
        463971.35   3755883.07        3.20064  (15081221)               463777.74
3756154.12        4.57734  (13062606)
        463401.30   3755910.15        3.32312  (13062606)               463310.23
3755300.27        2.99688  (12081705)
        463828.59   3755755.84        2.94415  (14100521)               461422.35
3754393.19        5.80722  (14090307)
        461581.60   3754502.61        7.22033  (13062606)               461732.84
3754617.38        6.37080  (13062606)
        463584.74   3773404.24        0.77304  (13091606)               463565.61
3773428.58        0.77015  (13091606)
        463452.60   3772407.95        0.85396  (15101123)               463381.18
3772107.58        0.87207  (15101123)
        463456.01   3771996.49        0.89256  (15101123)               463382.72
3771899.28        0.89107  (15082306)
        463391.98   3771839.87        0.89640  (15082306)               463450.61
3771836.01        0.90624  (15101123)
        463449.07   3771509.67        0.93225  (15082306)               463128.13
3771147.07        0.94191  (12092204)
        463081.29   3771178.48        0.93774  (13071801)               463387.17
3770930.69        0.97717  (16070904)
        463393.52   3770784.56        0.99429  (16070904)               464272.60
3770316.61        1.14547  (15092801)
        464292.70   3770216.83        1.16050  (15092801)               464857.42
3770180.33        1.20566  (14091101)
        464911.10   3770169.59        1.21111  (13072806)               472010.14
3773350.14        0.85908  (12081523)
        472017.02   3773222.10        0.85937  (12081523)               472090.00
3771728.63        0.91586  (12041824)
        472065.13   3771814.18        0.90730  (12041824)               472215.84
3771412.29        0.91505  (14081805)
        472243.69   3771355.59        0.92028  (12080704)               472254.14
3771342.16        0.92234  (12080704)
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        469633.06   3764556.22        1.56916  (14081603)               469567.11
3764486.31        1.60094  (14081603)
        469724.07   3764529.84        1.52215  (14081603)               468422.23
3764520.61        0.81354  (15060920)
        468748.02   3764105.13        1.46555  (16083024)               468964.34
3764293.74        1.54178  (16083024)
        468800.09   3764957.17        1.17918  (13101820)               469497.47
3764314.56        1.54447  (14081603)
        468138.32   3763601.28        1.02285  (15080323)               468310.81
3763707.06        1.19970  (14092506)
        471167.46   3765485.21        1.13697  (15082801)               471211.21
3765490.07        1.11870  (16102805)
        471132.46   3765415.22        1.13295  (16102805)               471094.55
3765508.54        1.18146  (15082801)
        471117.88   3765508.54        1.16937  (15082801)               471262.76
3766806.52        1.39154  (15082006)
        471323.17   3766798.09        1.36211  (15082006)               471338.62
3766865.52        1.36924  (15082006)
        471411.67   3766831.80        1.32773  (14081603)               471460.13
3766840.94        1.31693  (14081603)
        471453.11   3766880.27        1.31962  (14081603)               471524.05
3766845.15        1.29637  (14081603)
        471542.31   3766851.47        1.29009  (14081603)               473015.63
3767913.38        0.92049  (15082801)
        473085.40   3768000.30        0.90736  (15082801)               473037.37
3768050.63        0.91425  (15082801)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                 PAGE 457
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK4   ***
                                 INCLUDING SOURCE(S):     L0003546    , L0003547
, L0003548    , L0003549    , L0003550    ,
                 L0003551    , L0003552    , L0003553    , L0003554    , L0003555
, L0003556    , L0003557    , L0003558    ,
                 L0003559    , L0003560    , L0003561    , L0003562    , L0003563
, L0003564    , L0003565    , L0003566    ,
                 L0003567    , L0003568    , L0003569    , L0003570    , L0003571
, L0003572    , L0003573    ,  . . .      ,

                                                *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87        0.90438  (14092423)               472579.11
3768572.78        0.89354  (14092423)
        468876.69   3760856.73        1.89440  (14090801)               468877.41
3760872.49        1.88367  (14090801)
        468836.56   3760820.18        1.97354  (14092524)               468916.10
3760787.22        1.91809  (14082822)
        467288.87   3772358.98        0.77671  (13120708)               467212.83
3772366.58        0.77896  (13120708)
        466930.26   3771522.88        0.83988  (13120708)               467229.10
3771542.73        0.82286  (14072905)
        467954.03   3771528.72        0.86966  (14091423)               467908.50
3771580.08        0.85906  (14091423)
        466335.05   3772522.99        0.88733  (12070406)               474189.68
3773011.06        0.75065  (13071724)
        468146.89   3760234.01        2.97200  (12081622)               468083.74
3760112.97        2.87146  (16040522)
        467468.53   3758412.46        1.76768  (12070506)               470144.04
3757934.27        1.22443  (12082622)
        468846.85   3759822.78        2.29182  (13091621)               471818.84
3757032.99        0.73834  (13062703)
        473670.24   3755859.61        0.54618  (12090423)               473859.09
3756296.15        0.53097  (14092422)
        475261.57   3755676.95        0.43993  (13051106)               474899.34
3755738.87        0.45708  (15101323)
        474763.12   3755779.12        0.46614  (12072106)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 458
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK5   ***
                                  INCLUDING SOURCE(S):     L0006585    , L0006586
, L0006587    , L0006588    , L0006589    ,
                  L0006590    , L0006591    , L0006592    , L0006593    , L0006594
, L0006595    , L0006596    , L0006597    ,
                  L0006598    , L0006599    , L0006600    , L0006601    , L0006602
, L0006603    , L0006604    , L0006605    ,
                  L0006606    , L0006607    , L0006608    , L0006609    , L0006610
, L0006611    , L0006612    ,  . . .      ,
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*** 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)
465370.10	3764407.54	3.68722	(15090105)	465383.87	3764412.76	3.55539	(15090105)
465401.45	3764436.51	3.23814	(13020301)	465402.58	3764410.16	3.45916	(13020301)
465401.09	3764424.54	3.35352	(13020301)	465707.10	3763626.13	1.56037	(14072920)
465720.25	3763639.94	1.56163	(12080920)	465732.08	3763652.44	1.56112	(12080920)
465743.26	3763670.85	1.56737	(12080920)	465752.47	3763683.34	1.56763	(12080920)
465762.99	3763695.83	1.56485	(12080920)	465771.53	3763711.61	1.56902	(12080920)
465789.95	3763743.18	1.56547	(15091020)	465649.89	3763549.86	1.56733	(12121716)
465642.00	3763538.68	1.55586	(15091321)	465628.85	3763513.69	1.54367	(15091321)
465621.61	3763502.52	1.54159	(15102418)	465609.78	3763485.42	1.54168	(15102418)
465599.26	3763471.61	1.53985	(15102418)	465582.82	3763441.36	1.51821	(15102418)
465676.19	3763559.06	1.54129	(12121716)	465700.52	3763547.89	1.48760	(15070221)
465718.93	3763545.91	1.46423	(15070221)	465723.53	3763582.74	1.49408	(15070221)
465734.05	3763574.19	1.47393	(15070221)	465757.73	3763572.22	1.44350	(15070221)
465759.04	3763535.39	1.40796	(15070221)	465743.26	3763540.00	1.43007	(15070221)
465764.96	3763482.79	1.35695	(15091321)	465745.89	3763484.76	1.37736	(15091321)
465717.62	3763493.31	1.41329	(15091321)	465704.46	3763496.60	1.43018	(15091321)
465680.79	3763503.17	1.46309	(15091321)	465672.25	3763478.84	1.45365	(15102418)
465663.04	3763463.06	1.45144	(15102418)	465651.20	3763445.97	1.44842	(15102418)
465636.08	3763428.21	1.44404	(15102418)	465652.52	3763417.04	1.41747	(15102418)
465670.93	3763405.86	1.39042	(15102418)	465699.20	3763447.28	1.40538	(15102418)

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        465707.75   3763468.98        1.41022  (15102418)               465690.66
3763401.91        1.37023  (15102418)
        465707.75   3763424.93        1.37776  (15102418)               465730.11
3763417.69        1.34920  (15102418)
        465711.70   3763390.08        1.33878  (15102418)               465730.11
3763375.61        1.30810  (15102418)
        465748.52   3763405.86        1.32244  (15102418)               465759.70
3763392.05        1.30034  (15102418)
        465759.04   3763453.86        1.34598  (15102418)               465772.19
3763445.31        1.32799  (15102418)
        465786.66   3763436.76        1.30866  (15102418)               465473.67
3763269.09        1.43959  (16083019)
        465484.85   3763283.56        1.43933  (14082019)               465494.05
3763298.02        1.44202  (14082019)
        465507.20   3763317.75        1.44401  (14082019)               465513.78
3763331.56        1.44707  (14082019)
        465524.30   3763347.34        1.44810  (16091122)               465534.82
3763363.77        1.44923  (16091122)
        465543.37   3763376.93        1.45237  (14122420)               465553.23
3763391.39        1.46476  (16081620)
        465557.83   3763407.17        1.48626  (15102418)               465570.33
3763422.95        1.50187  (15102418)
        465734.77   3763819.90        1.73610  (12121716)               465803.72
3763759.50        1.56356  (15091020)
        465813.22   3763774.61        1.56472  (15091020)               465815.89
3763795.75        1.57685  (15091020)
        465834.62   3763804.85        1.55420  (15091020)               465852.68
3763808.30        1.52631  (13100618)
        465873.18   3763799.25        1.48819  (15091020)               465894.89
3763786.89        1.44930  (15091020)
        465910.87   3763778.44        1.42181  (15091020)               465859.91
3763750.10        1.47348  (15091020)
        465845.74   3763733.22        1.47837  (12080920)               465835.19
3763717.54        1.48364  (12080920)
        465826.45   3763700.65        1.48328  (12080920)               465814.08
3763685.27        1.48673  (12080920)
        465802.63   3763664.77        1.48198  (12080920)               465792.98
3763652.71        1.48142  (12080920)
        465783.63   3763638.54        1.47693  (12080920)               465772.47
3763619.24        1.47009  (14072920)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 459
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK5   ***
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```
                                  INCLUDING SOURCE(S):     L0006585    , L0006586
, L0006587    , L0006588    , L0006589    ,
                 L0006590    , L0006591    , L0006592    , L0006593    , L0006594
, L0006595    , L0006596    , L0006597    ,
                 L0006598    , L0006599    , L0006600    , L0006601    , L0006602
, L0006603    , L0006604    , L0006605    ,
                 L0006606    , L0006607    , L0006608    , L0006609    , L0006610
, L0006611    , L0006612    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465945.90   3763759.17        1.36404  (15091020)                465965.05
3763747.39        1.33519  (15091020)
        465977.82   3763739.53        1.31614  (15091020)                465994.51
3763729.22        1.29045  (15091020)
        466008.75   3763716.45        1.26749  (15091020)                466020.53
3763697.31        1.24669  (12080920)
        465881.58   3763738.06        1.43359  (15091020)                465897.30
3763730.20        1.40637  (15091020)
        465915.46   3763717.93        1.37772  (12080920)                465928.23
3763706.64        1.35704  (12080920)
        465940.99   3763691.91        1.33525  (12080920)                465948.85
3763672.76        1.31700  (12080920)
        465950.81   3763653.61        1.30431  (12080920)                465870.78
3763694.36        1.42422  (12080920)
        465855.07   3763687.49        1.43880  (12080920)                465843.78
3763669.32        1.43800  (12080920)
        465834.45   3763655.57        1.43657  (12080920)                465826.10
3763637.41        1.42766  (12080920)
        465820.21   3763611.38        1.40940  (14072920)                465802.54
3763613.35        1.43044  (14072920)
        465777.99   3763570.14        1.41816  (15070221)                465798.12
3763564.25        1.39147  (15070221)
        465819.72   3763561.80        1.36582  (15070221)                465838.87
3763604.51        1.38267  (14072920)
        465876.67   3763602.06        1.33953  (14072920)                465898.28
3763596.66        1.31362  (14072920)
        465887.97   3763627.10        1.34784  (12080920)                465907.61
3763640.84        1.34033  (12080920)
        465911.04   3763659.99        1.35207  (12080920)                465946.88
3763634.95        1.29417  (12080920)
        465942.96   3763617.28        1.28224  (12080920)                465938.54
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3763592.24        1.26797  (14072920)
        465917.92   3763594.69        1.29128  (14072920)                465836.90
3763555.90        1.34334  (15070221)
        465857.03   3763550.99        1.31897  (15070221)                465877.17
3763550.01        1.29754  (15070221)
        465896.80   3763543.63        1.27388  (15070221)                465916.93
3763542.16        1.25288  (14072920)
        465933.63   3763538.23        1.23434  (14072920)                465967.01
3763530.86        1.19953  (14072920)
        465977.82   3763550.50        1.20585  (14072920)                465981.25
3763569.16        1.21452  (14072920)
        465985.67   3763587.33        1.21974  (14072920)                465991.07
3763608.44        1.22983  (12080920)
        465995.98   3763624.15        1.23814  (12080920)                466001.87
3763640.35        1.24428  (12080920)
        466001.38   3763662.45        1.25731  (12080920)                466011.69
3763677.18        1.25226  (12080920)
        465782.90   3763526.94        1.37471  (15070221)                465800.08
3763525.46        1.35655  (15070221)
        465828.07   3763519.57        1.32496  (15070221)                465839.85
3763511.72        1.30732  (15070221)
        465869.31   3763507.79        1.27780  (15070221)                465874.71
3763489.13        1.26022  (15091321)
        465926.75   3763511.22        1.22573  (15070221)                465927.74
3763493.55        1.21296  (15070221)
        465442.39   3763223.49        1.44045  (16083019)                465450.32
3763240.18        1.44501  (16083019)
        465464.51   3763253.96        1.43861  (16083019)                464510.03
3763571.36        7.89096  (13041207)
        464487.21   3763576.49        6.53159  (13062606)                464506.44
3763554.95        7.27706  (13041207)
        464493.11   3763544.44        6.18535  (15090107)                464495.67
3763548.03        6.39868  (15090107)
        464471.92   3763602.84        6.43363  (13062606)                465080.33
3762842.73        1.58621  (14100220)
        465092.34   3762854.19        1.58422  (14100220)                465102.17
3762864.02        1.58096  (14100220)
        465114.18   3762873.84        1.57148  (14100220)                465123.45
3762883.12        1.56241  (14100220)
        465132.73   3762891.31        1.55201  (14100220)                465143.10
3762900.04        1.53868  (14100220)
        465153.48   3762914.23        1.52481  (14100220)                465160.57
3762921.88        1.52193  (16041221)
        465173.13   3762932.25        1.51496  (16041221)                465184.04
3762943.16        1.50745  (16041221)
        465191.14   3762950.80        1.50263  (16041221)                465204.24
3762960.63        1.48873  (16041221)
        465213.52   3762971.00        1.47945  (16041221)                465077.60
3762811.62        1.55399  (14100220)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
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 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK5   ***
                                INCLUDING SOURCE(S):   L0006585   , L0006586
, L0006587   , L0006588   , L0006589   ,
                  L0006590   , L0006591   , L0006592   , L0006593   , L0006594
, L0006595   , L0006596   , L0006597   ,
                  L0006598   , L0006599   , L0006600   , L0006601   , L0006602
, L0006603   , L0006604   , L0006605   ,
                  L0006606   , L0006607   , L0006608   , L0006609   , L0006610
, L0006611   , L0006612   , . . .   ,

                                          *** 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)
 -
- -
        465090.16   3762794.70   1.52939 (14100220)   465097.25
3762780.50   1.51127 (14100220)
        465107.63   3762766.86   1.49109 (14100220)   465115.81
3762751.58   1.47178 (14100220)
        465126.73   3762734.11   1.44894 (14100220)   465135.46
3762719.37   1.43077 (14100220)
        465144.74   3762701.36   1.41007 (14100220)   465157.89
3762710.25   1.40789 (14100220)
        465149.18   3762726.68   1.42710 (14100220)   465140.13
3762741.76   1.44580 (14100220)
        465129.74   3762758.19   1.46745 (14100220)   465121.69
3762770.26   1.48380 (14100220)
        465113.64   3762787.69   1.50529 (14100220)   465102.58
3762801.43   1.52677 (14100220)
        465092.53   3762819.20   1.55049 (14100220)   465104.93
3762826.57   1.54567 (14100220)
        465114.65   3762832.94   1.53976 (14100220)   465144.48
3762853.39   1.51430 (14100220)
        465153.87   3762866.80   1.50688 (14100220)   465163.59
3762873.17   1.49405 (14100220)
        465173.65   3762881.88   1.48111 (14100220)   465187.39
3762894.29   1.47064 (16041221)

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        465192.42   3762902.67        1.47106  (16041221)                465203.82
3762913.39        1.46483  (16041221)
        465209.85   3762924.12        1.46321  (16041221)                465223.60
3762934.85        1.45033  (16041221)
        465252.42   3762915.07        1.40527  (16041221)                465264.16
3762904.68        1.38592  (16041221)
        465279.58   3762897.30        1.36329  (16041221)                465288.63
3762891.27        1.34970  (16041221)
        465299.02   3762884.90        1.33450  (16041221)                465313.43
3762874.84        1.31388  (16041221)
        465260.41   3762831.55        1.35651  (16041221)                465279.90
3762818.56        1.33027  (16041221)
        465309.13   3762802.32        1.29398  (16041221)                465332.79
3762790.26        1.26682  (16041221)
        465359.24   3762774.95        1.23615  (16041221)                465390.79
3762709.99        1.18679  (16041221)
        465361.09   3762713.70        1.21101  (16041221)                465186.17
3762739.22        1.40165  (14100220)
        465203.34   3762727.16        1.37720  (14100220)                465215.87
3762719.73        1.35967  (14100220)
        465234.89   3762708.13        1.33439  (14100220)                465248.35
3762704.42        1.31976  (14100220)
        465266.90   3762690.04        1.29580  (14100220)                465278.97
3762684.93        1.28161  (14100220)
        465294.74   3762673.80        1.26187  (14100220)                465305.88
3762669.62        1.24931  (14100220)
        465324.44   3762658.95        1.22757  (14100220)                465335.57
3762651.99        1.21465  (14100220)
        465356.45   3762640.86        1.19125  (14100220)                465364.80
3762651.53        1.18418  (14100220)
        465369.44   3762663.59        1.18440  (16041221)                465408.42
3762642.71        1.15020  (16041221)
        465418.16   3762663.59        1.15060  (16041221)                465548.54
3762581.47        1.04149  (16041221)
        465548.54   3762541.57        1.03418  (16041221)                465576.84
3762516.05        1.01196  (16041221)
        465608.85   3762507.23        0.99104  (16041221)                465626.48
3762496.56        0.97856  (16041221)
        465648.75   3762483.11        0.96323  (16041221)                465679.84
3762470.58        0.94303  (16041221)
        465697.47   3762453.88        0.93077  (16041221)                465708.61
3762467.33        0.92540  (16041221)
        465720.21   3762501.67        0.93673  (12010803)                465706.29
3762507.23        0.94194  (12010803)
        465680.77   3762512.34        0.94884  (12010803)                465650.15
3762525.79        0.96753  (16041221)
        465621.84   3762530.43        0.98629  (16041221)                465609.32
3762570.80        0.99938  (16041221)
        465597.72   3762593.07        1.00974  (16041221)                465466.93
3762523.28        1.07708  (14100220)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK5 ***
INCLUDING SOURCE(S): L0006585 , L0006586
, L0006587 , L0006588 , L0006589 ,
L0006590 , L0006591 , L0006592 , L0006593 , L0006594
, L0006595 , L0006596 , L0006597 ,
L0006598 , L0006599 , L0006600 , L0006601 , L0006602
, L0006603 , L0006604 , L0006605 ,
L0006606 , L0006607 , L0006608 , L0006609 , L0006610
, L0006611 , L0006612 , . . . ,

*** 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)
465948.93	3761935.45	0.75595	(16041221)	465938.07	3762064.51	0.77361	(16041221)
465966.07	3762033.84	0.76072	(16041221)	466006.63	3762068.43	0.74436	(16041221)
465978.83	3762064.10	0.75651	(16041221)	466203.62	3761946.81	0.69277	(12010803)
466279.35	3761913.67	0.67707	(12010803)	466157.86	3761983.09	0.70479	(12010803)
466088.29	3761838.62	0.70369	(16041221)	466150.53	3761817.33	0.68058	(16041221)
466462.09	3761909.65	0.63532	(12010803)	466425.32	3761902.53	0.64463	(12010803)
466363.48	3761988.88	0.66700	(12010803)	466365.47			

```
3762027.07        0.66886  (12010803)
        466372.60   3762046.16        0.66772  (12010803)                466413.64
3762063.55        0.65547  (12010803)
        466414.21   3762046.16        0.65499  (12010803)                466458.95
3762015.67        0.64042  (12010803)
        466437.58   3761986.03        0.64687  (12010803)                466452.97
3761976.62        0.64189  (12010803)
        466501.13   3762012.25        0.62751  (16043021)                466519.94
3762058.99        0.63529  (16073022)
        466557.27   3762034.19        0.62749  (16073022)                466527.92
3761996.29        0.61903  (16043021)
        466518.23   3762033.91        0.62906  (16073022)                466547.01
3762016.52        0.62361  (16073022)
        466361.23   3761910.97        0.66105  (12010803)                466392.75
3761859.34        0.64980  (12010803)
        466437.01   3761856.66        0.63983  (12010803)                466667.45
3761397.88        0.56534  (12010803)
        466654.92   3761408.56        0.56757  (12010803)                466620.57
3761311.09        0.55611  (12010803)
        466644.70   3761353.33        0.56183  (12010803)                467171.74
3761628.78        0.52360  (16083019)
        467160.82   3761592.16        0.53086  (16083019)                467178.81
3761577.39        0.53109  (14062020)
        467217.35   3761552.33        0.53488  (14062020)                467195.67
3761726.98        0.52322  (14082019)
        467217.02   3761765.04        0.51476  (14082019)                467244.41
3761802.18        0.50725  (14082019)
        466609.01   3760870.30        0.58547  (16032420)                466590.45
3760838.62        0.59689  (16032420)
        466550.04   3760856.64        0.60326  (16040321)                466511.26
3760738.68        0.61440  (16041221)
        466516.72   3760721.21        0.61370  (16041221)                466484.50
3760653.49        0.63254  (16041221)
        466405.86   3760662.23        0.62960  (16041221)                466418.42
3760685.17        0.63220  (16041221)
        466436.99   3760693.90        0.63191  (16041221)                466469.21
3760637.11        0.63721  (16041221)
        466422.25   3760602.16        0.62628  (16041221)                466442.45
3760585.77        0.62448  (16041221)
        466331.59   3760843.54        0.61492  (16041221)                466230.02
3760624.00        0.62287  (14100220)
        466169.95   3760518.60        0.61654  (13022819)                466228.38
3760625.64        0.62234  (14100220)
        466519.10   3761138.93        0.56937  (16041221)                466541.38
3761178.39        0.55864  (16041221)
        466448.07   3761006.15        0.60972  (16041221)                466426.71
3760962.05        0.62214  (16041221)
        466082.34   3759528.59        0.53734  (14020106)                466025.48
3759415.59        0.51639  (14050722)
        464938.75   3759307.56        0.50693  (14052507)                464884.77
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3759310.77   0.48923 (14052507)
        464807.00   3759384.68   0.46523 (14052507)   465649.97
3758786.54   0.53325 (14052507)
        465761.16   3758976.01   0.52813 (15042821)   465106.46
3758565.04   0.48260 (14052507)
        465110.02   3758591.73   0.48528 (14052507)   465314.61
3758492.99   0.52391 (14052507)
        465402.68   3758645.10   0.54051 (14052507)   465036.18
3758154.96   0.48199 (14031621)
        465050.42   3758090.91   0.52063 (14031621)   465045.97
3758063.34   0.54290 (14031621)
        464984.59   3758199.44   0.45205 (14031621)   464928.55
3758219.90   0.42914 (14031621)
        465206.98   3757892.54   0.49339 (14031621)   465151.83
3757604.33   0.51740 (14031621)
        465117.13   3757566.08   0.49459 (14031621)   465094.89
3757499.37   0.48774 (14031621)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: TRUCK5   ***
                                  INCLUDING SOURCE(S):   L0006585   , L0006586
, L0006587   , L0006588   , L0006589   ,
                  L0006590   , L0006591   , L0006592   , L0006593   , L0006594
, L0006595   , L0006596   , L0006597   ,
                  L0006598   , L0006599   , L0006600   , L0006601   , L0006602
, L0006603   , L0006604   , L0006605   ,
                  L0006606   , L0006607   , L0006608   , L0006609   , L0006610
, L0006611   , L0006612   , . . .   ,

                                                *** 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)
 -
- -
        465051.31   3757417.53   0.44382 (14031621)   464972.14
3757605.22   0.55497 (12052822)
        464940.11   3757550.07   0.51546 (16021018)   464916.10
3757510.93   0.48491 (16021018)

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        464894.75   3757478.91        0.45141  (16021018)              464699.94
3757333.02        0.40711  (15072707)
        464481.11   3757131.09        0.42446  (15072707)              464361.91
3756866.90        0.41953  (15072707)
        464281.85   3756591.14        0.41048  (15072707)              464235.59
3756543.11        0.40597  (15072707)
        464253.39   3756616.05        0.40912  (15072707)              464677.39
3755989.20        0.39415  (15072707)
        464700.79   3756069.23        0.39267  (15072707)              464752.50
3756072.92        0.38669  (15072707)
        464726.64   3756045.84        0.38961  (15072707)              464726.64
3755885.78        0.38823  (15072707)
        464709.41   3755930.10        0.39047  (15072707)              464770.97
3755917.79        0.38333  (15072707)
        464799.28   3755932.57        0.37974  (15072707)              464903.94
3755872.24        0.38617  (16021018)
        464855.92   3755837.76        0.38612  (16021018)              464357.52
3756197.03        0.40644  (15072707)
        463971.35   3755883.07        0.35660  (15072707)              463777.74
3756154.12        0.32233  (15072707)
        463401.30   3755910.15        0.26385  (13111508)              463310.23
3755300.27        0.25892  (13111508)
        463828.59   3755755.84        0.32621  (15072707)              461422.35
3754393.19        0.20217  (12011509)
        461581.60   3754502.61        0.21391  (12011509)              461732.84
3754617.38        0.22506  (12011509)
        463584.74   3773404.24        6.38235  (15120919)              463565.61
3773428.58        6.49726  (15120919)
        463452.60   3772407.95       18.18693  (13072806)              463381.18
3772107.58       14.16436  (15092504)
        463456.01   3771996.49       17.33968  (13072806)              463382.72
3771899.28       14.00922  (15092504)
        463391.98   3771839.87       15.42933  (15092504)              463450.61
3771836.01       19.11917  (13072806)
        463449.07   3771509.67       20.42599  (12072006)              463128.13
3771147.07        6.52326  (15090624)
        463081.29   3771178.48        6.11965  (15090624)              463387.17
3770930.69       13.74625  (15092504)
        463393.52   3770784.56       14.22753  (15092504)              464272.60
3770316.61        2.40603  (12081103)
        464292.70   3770216.83        2.34602  (16081502)              464857.42
3770180.33        1.52392  (12081523)
        464911.10   3770169.59        1.47145  (15082804)              472010.14
3773350.14        0.41336  (14081603)
        472017.02   3773222.10        0.41647  (14081603)              472090.00
3771728.63        0.45332  (15072806)
        472065.13   3771814.18        0.45102  (15072806)              472215.84
3771412.29        0.45311  (14111406)
        472243.69   3771355.59        0.45208  (14111406)              472254.14
3771342.16        0.45075  (14111406)
```

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        469633.06   3764556.22        1.03022  (13061923)               469567.11
3764486.31        1.05582  (14073024)
        469724.07   3764529.84        1.02931  (14073024)               468422.23
3764520.61        0.59675  (16072724)
        468748.02   3764105.13        0.96760  (12080923)               468964.34
3764293.74        1.00290  (15082501)
        468800.09   3764957.17        0.84134  (15082519)               469497.47
3764314.56        1.03659  (12081001)
        468138.32   3763601.28        0.68896  (15082922)               468310.81
3763707.06        0.79802  (15082822)
        471167.46   3765485.21        0.84601  (13051924)               471211.21
3765490.07        0.84165  (13051924)
        471132.46   3765415.22        0.85537  (13051924)               471094.55
3765508.54        0.84985  (12053102)
        471117.88   3765508.54        0.84588  (12053102)               471262.76
3766806.52        0.76795  (12090506)
        471323.17   3766798.09        0.75968  (13083102)               471338.62
3766865.52        0.75840  (12090506)
        471411.67   3766831.80        0.74800  (13083102)               471460.13
3766840.94        0.74490  (13083102)
        471453.11   3766880.27        0.74124  (12090506)               471524.05
3766845.15        0.74144  (13083102)
        471542.31   3766851.47        0.73944  (13083102)               473015.63
3767913.38        0.55063  (14081424)
        473085.40   3768000.30        0.53965  (14081424)               473037.37
3768050.63        0.53475  (12090703)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                PAGE 463
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                             *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  TRUCK5   ***
                                INCLUDING SOURCE(S):     L0006585    , L0006586
, L0006587    , L0006588    , L0006589    ,
                  L0006590    , L0006591    , L0006592    , L0006593    , L0006594
, L0006595    , L0006596    , L0006597    ,
                  L0006598    , L0006599    , L0006600    , L0006601    , L0006602
, L0006603    , L0006604    , L0006605    ,
                  L0006606    , L0006607    , L0006608    , L0006609    , L0006610
, L0006611    , L0006612    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
                  **
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```
      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87        0.50408  (14083101)               472579.11
3768572.78        0.49376  (16082924)
        468876.69   3760856.73        1.18840  (12052201)               468877.41
3760872.49        1.19383  (14092422)
        468836.56   3760820.18        1.16122  (12052201)               468916.10
3760787.22        1.17417  (12052201)
        467288.87   3772358.98        0.64523  (15080524)               467212.83
3772366.58        0.65883  (13091322)
        466930.26   3771522.88        0.70012  (14081602)               467229.10
3771542.73        0.65345  (15072806)
        467954.03   3771528.72        0.59190  (12061405)               467908.50
3771580.08        0.59058  (16081724)
        466335.05   3772522.99        0.85385  (14081206)               474189.68
3773011.06        0.36321  (15091003)
        468146.89   3760234.01        1.09923  (16060324)               468083.74
3760112.97        1.12917  (13090521)
        467468.53   3758412.46        0.88684  (13032021)               470144.04
3757934.27        0.97993  (12090601)
        468846.85   3759822.78        1.20841  (14091223)               471818.84
3757032.99        0.62336  (12082622)
        473670.24   3755859.61        0.48969  (12081102)               473859.09
3756296.15        0.45481  (16092124)
        475261.57   3755676.95        0.40980  (12090423)               474899.34
3755738.87        0.41438  (13061402)
        474763.12   3755779.12        0.41533  (16092124)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 464
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,
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*** 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)
465370.10	3764407.54	369.30859	(15091002)	465383.87	3764412.76	356.95506	(16092821)
465401.45	3764436.51	316.91603	(14051701)	465402.58	3764410.16	343.95776	(14051701)
465401.09	3764424.54	329.53120	(14051701)	465707.10	3763626.13	129.69214	(16123116)
465720.25	3763639.94	133.59651	(16123116)	465732.08	3763652.44	132.09650	(16123116)
465743.26	3763670.85	126.00248	(16123116)	465752.47	3763683.34	116.98502	(16123116)
465762.99	3763695.83	104.24258	(16123116)	465771.53	3763711.61	90.00087	(16123116)
465789.95	3763743.18	93.95996	(16010316)	465649.89	3763549.86	76.65617	(14100220)
465642.00	3763538.68	76.69341	(14100220)	465628.85	3763513.69	74.74399	(14100220)
465621.61	3763502.52	73.43113	(14100220)	465609.78	3763485.42	70.90529	(14100220)
465599.26	3763471.61	68.29893	(14100220)	465582.82	3763441.36	63.20555	(14050722)
465676.19	3763559.06	79.06531	(16123116)	465700.52	3763547.89	83.00773	(16123116)
465718.93	3763545.91	88.33318	(16123116)	465723.53	3763582.74	108.82020	(16123116)
465734.05	3763574.19	105.84688	(16123116)	465757.73	3763572.22	105.38505	(16123116)
465759.04	3763535.39	91.64093	(16123116)	465743.26	3763540.00	91.31167	(16123116)
465764.96	3763482.79	71.35809	(16123116)	465745.89	3763484.76	67.13375	(16123116)
465717.62	3763493.31	62.44606	(16041221)	465704.46	3763496.60	64.15523	(16041221)
465680.79	3763503.17	66.93438	(16041221)	465672.25	3763478.84	65.95685	(14100220)
465663.04	3763463.06	65.30492	(14100220)	465651.20	3763445.97	64.10794	(14100220)
465636.08	3763428.21	62.14388	(14100220)	465652.52	3763417.04	60.70018	(14100220)
465670.93	3763405.86	59.02418	(14100220)	465699.20	3763447.28	60.53613	(14100220)

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        465707.75   3763468.98       61.48145  (16041221)                465690.66
3763401.91       57.66815  (14100220)
        465707.75   3763424.93       58.00420  (14100220)                465730.11
3763417.69       55.37655  (16041221)
        465711.70   3763390.08       55.08971  (14100220)                465730.11
3763375.61       52.48513  (14100220)
        465748.52   3763405.86       53.28163  (16041221)                465759.70
3763392.05       51.52019  (16041221)
        465759.04   3763453.86       58.52736  (16123116)                465772.19
3763445.31       58.89577  (16123116)
        465786.66   3763436.76       59.37231  (16123116)                465473.67
3763269.09       53.10571  (16112816)
        465484.85   3763283.56       52.25914  (16112816)                465494.05
3763298.02       51.40418  (16112816)
        465507.20   3763317.75       51.87497  (15042821)                465513.78
3763331.56       53.56689  (15042821)
        465524.30   3763347.34       55.50860  (15042821)                465534.82
3763363.77       57.31322  (15042821)
        465543.37   3763376.93       58.55966  (15042821)                465553.23
3763391.39       59.73679  (15042821)
        465557.83   3763407.17       61.18659  (15042821)                465570.33
3763422.95       61.85452  (14050722)
        465734.77   3763819.90      139.69807  (16010316)                465803.72
3763759.50      100.70833  (16010316)
        465813.22   3763774.61      103.01736  (16010316)                465815.89
3763795.75      103.82843  (16010316)
        465834.62   3763804.85      101.88598  (12121716)                465852.68
3763808.30      108.09049  (12121716)
        465873.18   3763799.25      100.64219  (12121716)                465894.89
3763786.89       91.06550  (12121716)
        465910.87   3763778.44       85.29783  (12121716)                465859.91
3763750.10       87.25999  (16010316)
        465845.74   3763733.22       86.39267  (16010316)                465835.19
3763717.54       81.52047  (16010316)
        465826.45   3763700.65       78.40985  (15050221)                465814.08
3763685.27       78.62781  (15050221)
        465802.63   3763664.77       84.30503  (16123116)                465792.98
3763652.71       94.65757  (16123116)
        465783.63   3763638.54      103.55650  (16123116)                465772.47
3763619.24      110.59888  (16123116)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 465
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
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```
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465945.90   3763759.17       73.75168  (12121716)                465965.05
3763747.39       67.53279  (12121716)
        465977.82   3763739.53       64.18864  (16121116)                465994.51
3763729.22       61.73137  (16100718)
        466008.75   3763716.45       59.61548  (16100718)                466020.53
3763697.31       57.26389  (16100718)
        465881.58   3763738.06       81.03795  (16010316)                465897.30
3763730.20       76.98571  (16010316)
        465915.46   3763717.93       72.42909  (16010316)                465928.23
3763706.64       69.24763  (16010316)
        465940.99   3763691.91       65.88052  (16010316)                465948.85
3763672.76       62.45554  (16010316)
        465950.81   3763653.61       58.84331  (16010316)                465870.78
3763694.36       72.28131  (16010316)
        465855.07   3763687.49       72.84955  (15050221)                465843.78
3763669.32       73.10449  (15050221)
        465834.45   3763655.57       72.48688  (15050221)                465826.10
3763637.41       77.49698  (16123116)
        465820.21   3763611.38       86.96125  (16123116)                465802.54
3763613.35       96.06381  (16123116)
        465777.99   3763570.14      102.34672  (16123116)                465798.12
3763564.25       96.98415  (16123116)
        465819.72   3763561.80       90.50757  (16123116)                465838.87
3763604.51       78.29920  (16123116)
        465876.67   3763602.06       62.71652  (14082019)                465898.28
3763596.66       60.19814  (15050221)
        465887.97   3763627.10       64.05963  (15050221)                465907.61
3763640.84       62.85841  (15050221)
        465911.04   3763659.99       63.34515  (16032319)                465946.88
3763634.95       57.95510  (16032319)
        465942.96   3763617.28       57.56682  (15050221)                465938.54
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3763592.24       56.63510  (15050221)
        465917.92   3763594.69       58.55425  (15050221)                465836.90
3763555.90       84.61173  (16123116)
        465857.03   3763550.99       77.46554  (16123116)                465877.17
3763550.01       69.72580  (16123116)
        465896.80   3763543.63       62.88712  (16123116)                465916.93
3763542.16       55.32120  (16123116)
        465933.63   3763538.23       53.16032  (14082019)                465967.01
3763530.86       50.26046  (14082019)
        465977.82   3763550.50       51.00224  (15050221)                465981.25
3763569.16       51.79716  (15050221)
        465985.67   3763587.33       52.06888  (15050221)                465991.07
3763608.44       52.49303  (16032319)
        465995.98   3763624.15       52.76804  (14052224)                466001.87
3763640.35       53.82459  (15102418)
        466001.38   3763662.45       56.28672  (15102418)                466011.69
3763677.18       56.80970  (15102418)
        465782.90   3763526.94       90.05364  (16123116)                465800.08
3763525.46       89.15622  (16123116)
        465828.07   3763519.57       84.64807  (16123116)                465839.85
3763511.72       81.58651  (16123116)
        465869.31   3763507.79       74.77442  (16123116)                465874.71
3763489.13       72.90856  (16123116)
        465926.75   3763511.22       56.69767  (16123116)                465927.74
3763493.55       58.45246  (16123116)
        465442.39   3763223.49       52.34606  (16112816)                465450.32
3763240.18       53.41819  (16112816)
        465464.51   3763253.96       53.08161  (16112816)                464510.03
3763571.36       53.73428  (13050223)
        464487.21   3763576.49       51.02772  (13050223)                464506.44
3763554.95       52.95869  (12102721)
        464493.11   3763544.44       50.99318  (12102721)                464495.67
3763548.03       51.39469  (12102721)
        464471.92   3763602.84       49.96579  (15101001)                465080.33
3762842.73       38.49677  (13062606)
        465092.34   3762854.19       34.57305  (13062606)                465102.17
3762864.02       32.28811  (13062606)
        465114.18   3762873.84       31.73881  (15042922)                465123.45
3762883.12       31.70128  (15041503)
        465132.73   3762891.31       31.72177  (15041503)                465143.10
3762900.04       31.76118  (15041503)
        465153.48   3762914.23       31.95131  (15041503)                465160.57
3762921.88       32.04845  (15041503)
        465173.13   3762932.25       32.12906  (15111318)                465184.04
3762943.16       32.63695  (15111318)
        465191.14   3762950.80       32.99727  (15111318)                465204.24
3762960.63       33.62571  (16111317)
        465213.52   3762971.00       34.17985  (16111317)                465077.60
3762811.62       46.63814  (13062606)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
```

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                  L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                  L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                  L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                          *** 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)
 -
- -
        465090.16   3762794.70   46.44374 (13062606)   465097.25
3762780.50   48.00491 (13062606)
        465107.63   3762766.86   47.66579 (13062606)   465115.81
3762751.58   49.24512 (13062606)
        465126.73   3762734.11   50.30273 (13062606)   465135.46
3762719.37   51.64749 (13062606)
        465144.74   3762701.36   54.62906 (13062606)   465157.89
3762710.25   43.28375 (13062606)
        465149.18   3762726.68   42.09284 (13062606)   465140.13
3762741.76   41.47840 (13062606)
        465129.74   3762758.19   41.05825 (13062606)   465121.69
3762770.26   40.90171 (13062606)
        465113.64   3762787.69   39.64226 (13062606)   465102.58
3762801.43   40.08352 (13062606)
        465092.53   3762819.20   39.42625 (13062606)   465104.93
3762826.57   35.51493 (13062606)
        465114.65   3762832.94   33.21828 (13062606)   465144.48
3762853.39   30.79103 (15041503)
        465153.87   3762866.80   30.82068 (15041503)   465163.59
3762873.17   30.75496 (15111318)
        465173.65   3762881.88   31.05801 (15111318)   465187.39
3762894.29   31.49376 (15111318)

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        465192.42   3762902.67       31.78056  (16111317)                465203.82
3762913.39       32.28756  (16111317)
        465209.85   3762924.12       32.69056  (16111317)                465223.60
3762934.85       33.22684  (16111317)
        465252.42   3762915.07       32.78453  (16111317)                465264.16
3762904.68       32.37626  (16111317)
        465279.58   3762897.30       31.93126  (16111317)                465288.63
3762891.27       31.56012  (16111317)
        465299.02   3762884.90       31.10414  (16111317)                465313.43
3762874.84       30.36661  (16111317)
        465260.41   3762831.55       30.27042  (16111317)                465279.90
3762818.56       29.60658  (16111317)
        465309.13   3762802.32       28.42790  (16111317)                465332.79
3762790.26       27.60472  (14120907)
        465359.24   3762774.95       27.24836  (13013118)                465390.79
3762709.99       25.82408  (13013118)
        465361.09   3762713.70       25.97667  (13013118)                465186.17
3762739.22       31.71544  (13062606)
        465203.34   3762727.16       30.46855  (13062606)                465215.87
3762719.73       29.52687  (13062606)
        465234.89   3762708.13       28.36287  (16111317)                465248.35
3762704.42       28.03948  (16111317)
        465266.90   3762690.04       27.40394  (16111317)                465278.97
3762684.93       26.98410  (16111317)
        465294.74   3762673.80       26.32788  (16111317)                465305.88
3762669.62       25.88214  (16111317)
        465324.44   3762658.95       25.32246  (14120907)                465335.57
3762651.99       25.07407  (13013118)
        465356.45   3762640.86       24.88824  (13013118)                465364.80
3762651.53       24.98618  (13013118)
        465369.44   3762663.59       25.13757  (13013118)                465408.42
3762642.71       24.47601  (14011405)
        465418.16   3762663.59       24.79120  (14011405)                465548.54
3762581.47       22.08315  (14031621)
        465548.54   3762541.57       21.55452  (14031621)                465576.84
3762516.05       20.84859  (14031621)
        465608.85   3762507.23       20.16876  (14031621)                465626.48
3762496.56       19.68397  (14031621)
        465648.75   3762483.11       19.62111  (15042821)                465679.84
3762470.58       19.69815  (15042821)
        465697.47   3762453.88       19.55381  (15042821)                465708.61
3762467.33       19.77668  (15042821)
        465720.21   3762501.67       20.27449  (15042821)                465706.29
3762507.23       20.35198  (15042821)
        465680.77   3762512.34       20.34414  (15042821)                465650.15
3762525.79       20.32243  (15042821)
        465621.84   3762530.43       20.12680  (14031621)                465609.32
3762570.80       20.89196  (14022703)
        465597.72   3762593.07       21.41197  (14022703)                465466.93
3762523.28       22.34465  (15013120)
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        465495.51   3762752.32       25.97682  (15013120)               465607.32
3762691.54       23.04542  (15042821)
        465638.88   3762732.83       24.43845  (15042821)               465880.93
3761970.96       26.05752  (13062606)
        465899.06   3761961.89       25.83317  (13062606)               465918.70
3761949.05       24.83884  (13062606)
        466021.46   3761887.85       22.00150  (13062606)               466003.33
3761909.00       24.48685  (13062606)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 467
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** 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)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
        465948.93   3761935.45       24.87639  (13062606)               465938.07
3762064.51       24.93663  (13062606)
        465966.07   3762033.84       29.81980  (13062606)               466006.63
3762068.43       19.63276  (13062606)
        465978.83   3762064.10       21.69094  (13062606)               466203.62
3761946.81       22.93241  (13062606)
        466279.35   3761913.67       21.99848  (13062606)               466157.86
3761983.09       20.90317  (13062606)
        466088.29   3761838.62       19.53748  (13062606)               466150.53
3761817.33       20.46237  (13062606)
        466462.09   3761909.65       14.33293  (13062606)               466425.32
3761902.53       15.66988  (13062606)
        466363.48   3761988.88       13.79412  (12050720)               466365.47
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3762027.07       13.65951  (12050720)
        466372.60   3762046.16       13.56660  (14100220)                466413.64
3762063.55       13.48858  (16041221)
        466414.21   3762046.16       13.43182  (16041221)                466458.95
3762015.67       13.17500  (16041221)
        466437.58   3761986.03       13.23075  (16041221)                466452.97
3761976.62       13.16307  (16041221)
        466501.13   3762012.25       12.83338  (16041221)                466519.94
3762058.99       12.74829  (16041221)
        466557.27   3762034.19       12.29321  (16041221)                466527.92
3761996.29       12.58140  (16041221)
        466518.23   3762033.91       12.68877  (16041221)                466547.01
3762016.52       12.38023  (16041221)
        466361.23   3761910.97       17.44584  (13062606)                466392.75
3761859.34       21.18991  (13062606)
        466437.01   3761856.66       18.66521  (13062606)                466667.45
3761397.88       17.62101  (12081622)
        466654.92   3761408.56       17.64481  (12081622)                466620.57
3761311.09       14.68751  (14091223)
        466644.70   3761353.33       15.79781  (12080124)                467171.74
3761628.78       16.16547  (13062922)
        467160.82   3761592.16       16.80949  (16081722)                467178.81
3761577.39       16.26931  (16081722)
        467217.35   3761552.33       15.62853  (13070823)                467195.67
3761726.98       15.99553  (12080723)
        467217.02   3761765.04       15.19464  (12080723)                467244.41
3761802.18       14.03321  (12080723)
        466609.01   3760870.30       14.05662  (14083024)                466590.45
3760838.62       13.91845  (16093021)
        466550.04   3760856.64       15.31395  (12083102)                466511.26
3760738.68       13.58116  (16093021)
        466516.72   3760721.21       13.32288  (16093021)                466484.50
3760653.49       13.87218  (16093021)
        466405.86   3760662.23       14.09427  (16093021)                466418.42
3760685.17       14.36574  (16093021)
        466436.99   3760693.90       14.20342  (16093021)                466469.21
3760637.11       14.20541  (16093021)
        466422.25   3760602.16       13.31873  (16093021)                466442.45
3760585.77       13.14289  (16093021)
        466331.59   3760843.54       12.68856  (16092201)                466230.02
3760624.00       12.98921  (12090502)
        466169.95   3760518.60       12.40745  (14070402)                466228.38
3760625.64       12.83227  (12090502)
        466519.10   3761138.93       13.10831  (13090521)                466541.38
3761178.39       13.31599  (13090521)
        466448.07   3761006.15       13.18441  (14083024)                466426.71
3760962.05       13.40966  (12083102)
        466082.34   3759528.59        8.34433  (15050122)                466025.48
3759415.59        7.28065  (15050122)
        464938.75   3759307.56        6.00003  (16111317)                464884.77
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3759310.77   5.95806 (16111317)
        464807.00   3759384.68   5.54667 (16111317)   465649.97
3758786.54   11.65691 (12092920)
        465761.16   3758976.01   8.72324 (16091905)   465106.46
3758565.04   9.08577 (13062606)
        465110.02   3758591.73   8.77708 (13062606)   465314.61
3758492.99   10.36851 (16091920)
        465402.68   3758645.10   10.48501 (16091920)   465036.18
3758154.96   12.79469 (13122717)
        465050.42   3758090.91   16.21161 (15061604)   465045.97
3758063.34   16.88766 (15061604)
        464984.59   3758199.44   8.36452 (16013106)   464928.55
3758219.90   6.55933 (12112317)
        465206.98   3757892.54   15.88431 (14082504)   465151.83
3757604.33   17.19842 (14072222)
        465117.13   3757566.08   16.01602 (14072222)   465094.89
3757499.37   15.10141 (14072222)

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

                             *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL   ***
                                INCLUDING SOURCE(S):   L0000001   , L0000002
, L0000003   , L0000004   , L0000005   ,
                   L0000006   , L0000007   , L0000008   , L0000009   , L0000010
, L0000011   , L0000012   , L0000013   ,
                   L0000014   , L0000015   , L0000016   , L0000017   , L0000018
, L0000019   , L0000020   , L0000021   ,
                   L0000022   , L0000023   , L0000024   , L0000025   , L0000026
, L0000027   , L0000028   , . . .   ,

                                                *** 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)
 -
- -
        465051.31   3757417.53   12.46839 (14072222)   464972.14
3757605.22   18.00108 (15061604)
        464940.11   3757550.07   16.67137 (15061604)   464916.10
3757510.93   15.87085 (15061604)

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        464894.75   3757478.91       15.24172  (15061604)               464699.94
3757333.02        7.72081  (15061604)
        464481.11   3757131.09        6.69630  (13062606)               464361.91
3756866.90        7.35729  (13062606)
        464281.85   3756591.14       11.16802  (13062606)               464235.59
3756543.11        8.16777  (13062606)
        464253.39   3756616.05        7.25769  (13062606)               464677.39
3755989.20        6.90996  (14011819)
        464700.79   3756069.23        6.45262  (14011819)               464752.50
3756072.92        6.47566  (12112317)
        464726.64   3756045.84        6.65987  (16032123)               464726.64
3755885.78        7.83722  (13122717)
        464709.41   3755930.10        7.51534  (16060105)               464770.97
3755917.79        7.87478  (13122717)
        464799.28   3755932.57        7.96874  (13122717)               464903.94
3755872.24        8.96538  (12121304)
        464855.92   3755837.76        9.06908  (13122717)               464357.52
3756197.03        5.17556  (15111318)
        463971.35   3755883.07        5.49067  (13012520)               463777.74
3756154.12        5.41915  (13062606)
        463401.30   3755910.15        4.35105  (15091501)               463310.23
3755300.27        4.71610  (13022420)
        463828.59   3755755.84        5.28281  (14121717)               461422.35
3754393.19        5.93551  (13062606)
        461581.60   3754502.61        7.78604  (13062606)               461732.84
3754617.38        6.95129  (13062606)
        463584.74   3773404.24       12.96772  (15082306)               463565.61
3773428.58       12.95785  (15082306)
        463452.60   3772407.95       27.20182  (14090923)               463381.18
3772107.58       23.48817  (12010318)
        463456.01   3771996.49       27.37153  (12092204)               463382.72
3771899.28       24.16172  (12010318)
        463391.98   3771839.87       25.63349  (12010318)               463450.61
3771836.01       29.80974  (13071801)
        463449.07   3771509.67       31.84977  (13071801)               463128.13
3771147.07       20.82971  (13082802)
        463081.29   3771178.48       20.77203  (13082802)               463387.17
3770930.69       27.47802  (13090524)
        463393.52   3770784.56       28.71151  (13090524)               464272.60
3770316.61       22.13354  (15101123)
        464292.70   3770216.83       22.51630  (15101123)               464857.42
3770180.33       23.00653  (12081604)
        464911.10   3770169.59       22.79892  (16012220)               472010.14
3773350.14       11.91127  (14083104)
        472017.02   3773222.10       12.26644  (14083104)               472090.00
3771728.63       13.61054  (16092923)
        472065.13   3771814.18       13.49810  (16092923)               472215.84
3771412.29       13.53674  (15072806)
        472243.69   3771355.59       13.46494  (15072806)               472254.14
3771342.16       13.44286  (15072806)
```

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        469633.06   3764556.22       29.93883  (14073024)                469567.11
3764486.31       30.69341  (12081004)
        469724.07   3764529.84       29.50951  (12081004)                468422.23
3764520.61       19.51629  (15080523)
        468748.02   3764105.13       28.47115  (15090623)                468964.34
3764293.74       29.76492  (12081001)
        468800.09   3764957.17       25.48824  (15082519)                469497.47
3764314.56       30.15699  (12081001)
        468138.32   3763601.28       25.16134  (13020218)                468310.81
3763707.06       28.67758  (12081924)
        471167.46   3765485.21       24.22967  (13051924)                471211.21
3765490.07       24.08168  (13051924)
        471132.46   3765415.22       24.37381  (13091424)                471094.55
3765508.54       24.23345  (13051924)
        471117.88   3765508.54       24.19035  (13051924)                471262.76
3766806.52       23.60476  (12090506)
        471323.17   3766798.09       23.33984  (12090506)                471338.62
3766865.52       23.06043  (12090506)
        471411.67   3766831.80       22.86989  (12090506)                471460.13
3766840.94       22.58193  (12090506)
        471453.11   3766880.27       22.67867  (12090506)                471524.05
3766845.15       22.12696  (12090506)
        471542.31   3766851.47       22.02426  (12090506)                473015.63
3767913.38       15.10805  (12090703)
        473085.40   3768000.30       14.85393  (12090703)                473037.37
3768050.63       14.97720  (15081005)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 469
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                               *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP:  ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                              ** CONC OF PM_10    IN MICROGRAMS/M**3
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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)
Y-COORD (M)        CONC     (YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
        472556.24   3768509.87       16.63499  (15090203)               472579.11
3768572.78       16.18225  (13083103)
        468876.69   3760856.73       26.61324  (15052924)               468877.41
3760872.49       26.71521  (15052924)
        468836.56   3760820.18       26.21736  (12010519)               468916.10
3760787.22       25.97250  (12010519)
        467288.87   3772358.98       15.31558  (16081802)               467212.83
3772366.58       15.06220  (16081802)
        466930.26   3771522.88       17.53621  (14091423)               467229.10
3771542.73       17.45509  (16093023)
        467954.03   3771528.72       17.36140  (15082606)               467908.50
3771580.08       17.15041  (15082606)
        466335.05   3772522.99       15.48815  (12070406)               474189.68
3773011.06        8.92161  (14070601)
        468146.89   3760234.01       27.22057  (15091023)               468083.74
3760112.97       26.48106  (12081621)
        467468.53   3758412.46       19.44750  (13090522)               470144.04
3757934.27       21.83865  (14120101)
        468846.85   3759822.78       31.90711  (15092620)               471818.84
3757032.99       15.35674  (12081803)
        473670.24   3755859.61       11.17667  (15091823)               473859.09
3756296.15        7.98300  (16040522)
        475261.57   3755676.95       11.95364  (13061402)               474899.34
3755738.87       16.37223  (16092124)
        474763.12   3755779.12       13.94342  (16092124)

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                      ***        17:18:50

                                  PAGE 470
 *** 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
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- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALLIDLE   1ST HIGHEST VALUE IS       4.91668 AT (  465734.77,  3763819.90,   248.47,
  248.47,    0.00)  DC
          2ND HIGHEST VALUE IS       3.90142 AT (  465834.62,  3763804.85,   252.41,
  252.41,    0.00)  DC
          3RD HIGHEST VALUE IS       3.89818 AT (  465815.89,  3763795.75,   252.06,
  252.06,    0.00)  DC
          4TH HIGHEST VALUE IS       3.86815 AT (  465402.58,  3764410.16,   274.05,
  274.05,    0.00)  DC
          5TH HIGHEST VALUE IS       3.83278 AT (  465370.10,  3764407.54,   275.39,
  275.39,    0.00)  DC
          6TH HIGHEST VALUE IS       3.82030 AT (  465852.68,  3763808.30,   252.43,
  252.43,    0.00)  DC
          7TH HIGHEST VALUE IS       3.77547 AT (  465383.87,  3764412.76,   274.85,
  274.85,    0.00)  DC
          8TH HIGHEST VALUE IS       3.62804 AT (  465813.22,  3763774.61,   252.30,
  252.30,    0.00)  DC
          9TH HIGHEST VALUE IS       3.62539 AT (  465401.09,  3764424.54,   274.14,
  274.14,    0.00)  DC
         10TH HIGHEST VALUE IS       3.56721 AT (  465873.18,  3763799.25,   252.48,
  252.48,    0.00)  DC

CNGLIFT   1ST HIGHEST VALUE IS       5.29666 AT (  465734.77,  3763819.90,   248.47,
  248.47,    0.00)  DC
          2ND HIGHEST VALUE IS       4.15797 AT (  465834.62,  3763804.85,   252.41,
  252.41,    0.00)  DC
          3RD HIGHEST VALUE IS       4.15296 AT (  465815.89,  3763795.75,   252.06,
  252.06,    0.00)  DC
          4TH HIGHEST VALUE IS       4.07062 AT (  465852.68,  3763808.30,   252.43,
  252.43,    0.00)  DC
          5TH HIGHEST VALUE IS       3.87228 AT (  465402.58,  3764410.16,   274.05,
  274.05,    0.00)  DC
          6TH HIGHEST VALUE IS       3.85555 AT (  465813.22,  3763774.61,   252.30,
  252.30,    0.00)  DC
          7TH HIGHEST VALUE IS       3.82224 AT (  465370.10,  3764407.54,   275.39,
  275.39,    0.00)  DC
          8TH HIGHEST VALUE IS       3.79000 AT (  465873.18,  3763799.25,   252.48,
  252.48,    0.00)  DC
          9TH HIGHEST VALUE IS       3.76984 AT (  465383.87,  3764412.76,   274.85,
  274.85,    0.00)  DC
         10TH HIGHEST VALUE IS       3.70902 AT (  465803.72,  3763759.50,   252.16,
  252.16,    0.00)  DC

DSLEXC    1ST HIGHEST VALUE IS       5.42763 AT (  465734.77,  3763819.90,   248.47,
  248.47,    0.00)  DC
          2ND HIGHEST VALUE IS       4.25369 AT (  465815.89,  3763795.75,   252.06,
  252.06,    0.00)  DC
          3RD HIGHEST VALUE IS       4.25281 AT (  465834.62,  3763804.85,   252.41,
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  252.41,    0.00)  DC
         4TH HIGHEST VALUE IS       4.15895 AT (  465852.68,  3763808.30,   252.43,
  252.43,    0.00)  DC
         5TH HIGHEST VALUE IS       3.95407 AT (  465813.22,  3763774.61,   252.30,
  252.30,    0.00)  DC
         6TH HIGHEST VALUE IS       3.87235 AT (  465873.18,  3763799.25,   252.48,
  252.48,    0.00)  DC
         7TH HIGHEST VALUE IS       3.80578 AT (  465803.72,  3763759.50,   252.16,
  252.16,    0.00)  DC
         8TH HIGHEST VALUE IS       3.69184 AT (  465402.58,  3764410.16,   274.05,
  274.05,    0.00)  DC
         9TH HIGHEST VALUE IS       3.68003 AT (  465789.95,  3763743.18,   252.01,
  252.01,    0.00)  DC
        10TH HIGHEST VALUE IS       3.65646 AT (  465370.10,  3764407.54,   275.39,
  275.39,    0.00)  DC

DSLLIFT   1ST HIGHEST VALUE IS       5.41723 AT (  465734.77,  3763819.90,   248.47,
  248.47,    0.00)  DC
         2ND HIGHEST VALUE IS       4.23090 AT (  465834.62,  3763804.85,   252.41,
  252.41,    0.00)  DC
         3RD HIGHEST VALUE IS       4.22654 AT (  465815.89,  3763795.75,   252.06,
  252.06,    0.00)  DC
         4TH HIGHEST VALUE IS       4.14123 AT (  465852.68,  3763808.30,   252.43,
  252.43,    0.00)  DC
         5TH HIGHEST VALUE IS       3.92143 AT (  465813.22,  3763774.61,   252.30,
  252.30,    0.00)  DC
         6TH HIGHEST VALUE IS       3.85231 AT (  465873.18,  3763799.25,   252.48,
  252.48,    0.00)  DC
         7TH HIGHEST VALUE IS       3.83630 AT (  465402.58,  3764410.16,   274.05,
  274.05,    0.00)  DC
         8TH HIGHEST VALUE IS       3.78539 AT (  465370.10,  3764407.54,   275.39,
  275.39,    0.00)  DC
         9TH HIGHEST VALUE IS       3.77291 AT (  465803.72,  3763759.50,   252.16,
  252.16,    0.00)  DC
        10TH HIGHEST VALUE IS       3.73368 AT (  465383.87,  3764412.76,   274.85,
  274.85,    0.00)  DC
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
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                                  PAGE 471
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                       *** THE SUMMARY OF MAXIMUM PERIOD ( 43848
HRS) RESULTS ***


                                    ** CONC OF PM_10    IN MICROGRAMS/M**3
              **
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                         NETWORK
GROUP ID                        AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

TRUCK1    1ST HIGHEST VALUE IS       3.10364 AT (  465144.74,  3762701.36,   247.38,
  247.38,    0.00)  DC
          2ND HIGHEST VALUE IS       2.94533 AT (  467195.67,  3761726.98,   264.16,
  588.66,    0.00)  DC
          3RD HIGHEST VALUE IS       2.89371 AT (  467217.02,  3761765.04,   263.60,
  588.66,    0.00)  DC
          4TH HIGHEST VALUE IS       2.88332 AT (  465135.46,  3762719.37,   247.36,
  247.36,    0.00)  DC
          5TH HIGHEST VALUE IS       2.77486 AT (  465966.07,  3762033.84,   246.26,
  246.26,    0.00)  DC
          6TH HIGHEST VALUE IS       2.77145 AT (  465126.73,  3762734.11,   247.34,
  247.34,    0.00)  DC
          7TH HIGHEST VALUE IS       2.77043 AT (  468310.81,  3763707.06,   274.82,
  736.34,    0.00)  DC
          8TH HIGHEST VALUE IS       2.68104 AT (  465115.81,  3762751.58,   247.37,
  247.37,    0.00)  DC
          9TH HIGHEST VALUE IS       2.61187 AT (  467244.41,  3761802.18,   263.15,
  588.66,    0.00)  DC
         10TH HIGHEST VALUE IS       2.58164 AT (  465097.25,  3762780.50,   247.29,
  247.29,    0.00)  DC

TRUCK2    1ST HIGHEST VALUE IS       5.66933 AT (  465144.74,  3762701.36,   247.38,
  247.38,    0.00)  DC
          2ND HIGHEST VALUE IS       5.32719 AT (  465135.46,  3762719.37,   247.36,
  247.36,    0.00)  DC
          3RD HIGHEST VALUE IS       5.16122 AT (  465126.73,  3762734.11,   247.34,
  247.34,    0.00)  DC
          4TH HIGHEST VALUE IS       5.02275 AT (  465115.81,  3762751.58,   247.37,
  247.37,    0.00)  DC
          5TH HIGHEST VALUE IS       4.83659 AT (  465097.25,  3762780.50,   247.29,
  247.29,    0.00)  DC
          6TH HIGHEST VALUE IS       4.81532 AT (  465107.63,  3762766.86,   247.29,
  247.29,    0.00)  DC
          7TH HIGHEST VALUE IS       4.62096 AT (  465090.16,  3762794.70,   247.08,
  247.08,    0.00)  DC
          8TH HIGHEST VALUE IS       4.60314 AT (  465077.60,  3762811.62,   246.69,
  246.69,    0.00)  DC
          9TH HIGHEST VALUE IS       4.36197 AT (  465157.89,  3762710.25,   247.16,
  247.16,    0.00)  DC
         10TH HIGHEST VALUE IS       4.20071 AT (  465149.18,  3762726.68,   247.26,
  247.26,    0.00)  DC
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TRUCK3    1ST HIGHEST VALUE IS      4.49960 AT (  465144.74,  3762701.36,   247.38,
  247.38,    0.00)  DC
          2ND HIGHEST VALUE IS      4.13068 AT (  465135.46,  3762719.37,   247.36,
  247.36,    0.00)  DC
          3RD HIGHEST VALUE IS      3.93598 AT (  465126.73,  3762734.11,   247.34,
  247.34,    0.00)  DC
          4TH HIGHEST VALUE IS      3.76201 AT (  465115.81,  3762751.58,   247.37,
  247.37,    0.00)  DC
          5TH HIGHEST VALUE IS      3.55358 AT (  465107.63,  3762766.86,   247.29,
  247.29,    0.00)  DC
          6TH HIGHEST VALUE IS      3.52452 AT (  465097.25,  3762780.50,   247.29,
  247.29,    0.00)  DC
          7TH HIGHEST VALUE IS      3.52181 AT (  464281.85,  3756591.14,   259.91,
  330.48,    0.00)  DC
          8TH HIGHEST VALUE IS      3.35436 AT (  465157.89,  3762710.25,   247.16,
  247.16,    0.00)  DC
          9TH HIGHEST VALUE IS      3.33109 AT (  465090.16,  3762794.70,   247.08,
  247.08,    0.00)  DC
         10TH HIGHEST VALUE IS      3.27863 AT (  465077.60,  3762811.62,   246.69,
  246.69,    0.00)  DC

TRUCK4    1ST HIGHEST VALUE IS      4.49960 AT (  465144.74,  3762701.36,   247.38,
  247.38,    0.00)  DC
          2ND HIGHEST VALUE IS      4.13068 AT (  465135.46,  3762719.37,   247.36,
  247.36,    0.00)  DC
          3RD HIGHEST VALUE IS      3.93598 AT (  465126.73,  3762734.11,   247.34,
  247.34,    0.00)  DC
          4TH HIGHEST VALUE IS      3.76201 AT (  465115.81,  3762751.58,   247.37,
  247.37,    0.00)  DC
          5TH HIGHEST VALUE IS      3.55358 AT (  465107.63,  3762766.86,   247.29,
  247.29,    0.00)  DC
          6TH HIGHEST VALUE IS      3.52452 AT (  465097.25,  3762780.50,   247.29,
  247.29,    0.00)  DC
          7TH HIGHEST VALUE IS      3.52181 AT (  464281.85,  3756591.14,   259.91,
  330.48,    0.00)  DC
          8TH HIGHEST VALUE IS      3.35436 AT (  465157.89,  3762710.25,   247.16,
  247.16,    0.00)  DC
          9TH HIGHEST VALUE IS      3.33109 AT (  465090.16,  3762794.70,   247.08,
  247.08,    0.00)  DC
         10TH HIGHEST VALUE IS      3.27863 AT (  465077.60,  3762811.62,   246.69,
  246.69,    0.00)  DC
*** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE 472
 *** 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	NETWORK	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
TRUCK5	1ST HIGHEST VALUE IS	6.66292 AT	(463449.07, 3771509.67, 356.37, 2697.31, 0.00)	DC	
	2ND HIGHEST VALUE IS	6.17923 AT	(463450.61, 3771836.01, 360.56, 2697.31, 0.00)	DC	
	3RD HIGHEST VALUE IS	5.64094 AT	(463452.60, 3772407.95, 369.24, 2697.31, 0.00)	DC	
	4TH HIGHEST VALUE IS	5.39211 AT	(463456.01, 3771996.49, 363.33, 2697.31, 0.00)	DC	
	5TH HIGHEST VALUE IS	4.07772 AT	(463391.98, 3771839.87, 361.38, 2697.31, 0.00)	DC	
	6TH HIGHEST VALUE IS	4.02566 AT	(463393.52, 3770784.56, 345.61, 345.61, 0.00)	DC	
	7TH HIGHEST VALUE IS	3.61284 AT	(463387.17, 3770930.69, 348.01, 348.01, 0.00)	DC	
	8TH HIGHEST VALUE IS	3.45982 AT	(463382.72, 3771899.28, 361.90, 2697.31, 0.00)	DC	
	9TH HIGHEST VALUE IS	3.39101 AT	(463381.18, 3772107.58, 365.27, 2697.31, 0.00)	DC	
	10TH HIGHEST VALUE IS	2.82684 AT	(464510.03, 3763571.36, 254.28, 525.86, 0.00)	DC	
ALL	1ST HIGHEST VALUE IS	23.59844 AT	(465734.77, 3763819.90, 248.47, 248.47, 0.00)	DC	
	2ND HIGHEST VALUE IS	19.71871 AT	(465144.74, 3762701.36, 247.38, 247.38, 0.00)	DC	
	3RD HIGHEST VALUE IS	18.74714 AT	(465815.89, 3763795.75, 252.06, 252.06, 0.00)	DC	
	4TH HIGHEST VALUE IS	18.70618 AT	(465834.62, 3763804.85, 252.41, 252.41, 0.00)	DC	
	5TH HIGHEST VALUE IS	18.62794 AT	(465135.46, 3762719.37, 247.36, 247.36, 0.00)	DC	
	6TH HIGHEST VALUE IS	18.30249 AT	(465852.68, 3763808.30, 252.43, 252.43, 0.00)	DC	
	7TH HIGHEST VALUE IS	18.10439 AT	(465126.73, 3762734.11, 247.34, 247.34, 0.00)	DC	
	8TH HIGHEST VALUE IS	17.68379 AT	(465115.81, 3762751.58, 247.37, 247.37, 0.00)	DC	

9TH HIGHEST VALUE IS 17.56267 AT (465813.22, 3763774.61, 252.30, 252.30, 0.00) DC
10TH HIGHEST VALUE IS 17.16338 AT (465097.25, 3762780.50, 247.29, 247.29, 0.00) DC

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

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

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

GROUP ID	AVERAGE	CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
ALLIDLE	HIGH	1ST HIGH VALUE IS	88.26123	ON 14051701: AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	
CNGLIFT	HIGH	1ST HIGH VALUE IS	95.10775	ON 15091002: AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	
DSLEXC	HIGH	1ST HIGH VALUE IS	93.32138	ON 14081205: AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	
DSLLIFT	HIGH	1ST HIGH VALUE IS	95.97584	ON 14112518: AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	
TRUCK1	HIGH	1ST HIGH VALUE IS	8.30416	ON 13062606: AT (465144.74, 3762701.36, 247.38, 247.38, 0.00)	DC	
TRUCK2	HIGH	1ST HIGH VALUE IS	14.81716	ON 13062606: AT (465144.74, 3762701.36, 247.38, 247.38, 0.00)	DC	

TRUCK3   HIGH   1ST HIGH VALUE IS   12.14866 ON 13062606: AT (465144.74,
3762701.36,   247.38,   247.38,   0.00) DC

TRUCK4   HIGH   1ST HIGH VALUE IS   12.14866 ON 13062606: AT (465144.74,
3762701.36,   247.38,   247.38,   0.00) DC

TRUCK5   HIGH   1ST HIGH VALUE IS   20.42599 ON 12072006: AT (463449.07,
3771509.67,   356.37, 2697.31,   0.00) DC

ALL   HIGH   1ST HIGH VALUE IS   369.30859 ON 15091002: AT (465370.10,
3764407.54,   275.39,   275.39,   0.00) DC

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

 *** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

 A Total of   0 Fatal Error Message(s)
 A Total of   2 Warning Message(s)
 A Total of   1638 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   1039 Calm Hours Identified

 A Total of   599 Missing Hours Identified (1.37 Percent)

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

    ********   WARNING MESSAGES   ********
 ME W186   17348   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187   17348   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

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↑ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

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

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for  7762 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =   2189641.0 ;  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:   7762 Source(s);      10 Source Group(s); and     425 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:   7762 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 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) =   245.00 ;  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 =      7.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   2240 Fleetwood Drive Ops.err

 **File for Summary of Results:   2240 Fleetwood Drive Ops.sum

 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                        ***        17:18:50

                                   PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

                                          *** METEOROLOGICAL DAYS SELECTED FOR
PROCESSING ***
                                                                (1=YES; 0=NO)

           1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
```

```
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1
1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***

(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

Surface file: KRAL_V9_ADJU\KRAL_v9.SFC
Met Version: 16216
Profile file: KRAL_V9_ADJU\KRAL_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 3171	Upper air station no.: 3190
Name: KRAL_RIVERSIDE_AIRPORT	Name: UNKNOWN
Year: 2012	Year: 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
12	01	01	1	01	-25.6	0.266	-9.000	-9.000	-999.	330.	77.9	0.15	2.40	1.00	2.93	55.	10.1	288.1	2.0
12	01	01	1	02	-26.8	0.277	-9.000	-9.000	-999.	351.	84.7	0.15	2.40	1.00	3.05	55.	10.1	287.0	2.0
12	01	01	1	03	-21.5	0.221	-9.000	-9.000	-999.	250.	53.5	0.15	2.40	1.00	2.45	74.	10.1	284.2	2.0
12	01	01	1	04	-22.0	0.227	-9.000	-9.000	-999.	260.	56.8	0.15	2.40	1.00	2.52	77.	10.1	285.9	2.0
12	01	01	1	05	-20.0	0.206	-9.000	-9.000	-999.	225.	46.8	0.15	2.40	1.00	2.30	80.	10.1	285.4	2.0
12	01	01	1	06	-14.4	0.171	-9.000	-9.000	-999.	170.	32.1	0.15	2.40	1.00	1.93	79.	10.1	287.0	2.0
12	01	01	1	07	-14.9	0.174	-9.000	-9.000	-999.	174.	33.2	0.15	2.40	1.00	1.96	77.	10.1	284.2	2.0
12	01	01	1	08	-11.9	0.169	-9.000	-9.000	-999.	167.	36.1	0.15	2.40	0.53	1.89	77.	10.1	288.1	2.0
12	01	01	1	09	40.4	0.234	0.359	0.006	40.	272.	-28.1	0.15	2.40	0.31	2.10	81.	10.1	289.2	2.0
12	01	01	1	10	112.6	0.246	0.742	0.005	129.	293.	-11.8	0.15	2.40	0.24	1.99	101.	10.1	296.4	2.0
12	01	01	1	11	161.0	0.402	1.188	0.005	369.	611.	-35.6	0.15	2.40	0.21	3.68	78.	10.1	298.8	2.0
12	01	01	1	12	184.7	0.337	1.516	0.005	668.	473.	-18.4	0.15	2.40	0.20	2.89	68.	10.1	300.4	2.0
12	01	01	1	13	183.9	0.310	1.809	0.005	1139.	414.	-14.2	0.15	2.40	0.20	2.57	64.	10.1	302.5	2.0
12	01	01	1	14	156.6	0.374	1.852	0.005	1434.	549.	-29.5	0.15	2.40	0.22	3.37	63.	10.1	303.1	2.0
12	01	01	1	15	104.3	0.382	1.658	0.005	1546.	567.	-47.2	0.15	2.40	0.25	3.59	62.	10.1	302.5	2.0
12	01	01	1	16	31.8	0.374	1.123	0.005	1573.	550.	-145.8	0.15	2.40	0.34	3.76	69.	10.1	300.9	2.0
12	01	01	1	17	-23.3	0.276	-9.000	-9.000	-999.	354.	84.0	0.15	2.40	0.62	3.03	59.	10.1	297.5	2.0
12	01	01	1	18	-21.5	0.229	-9.000	-9.000	-999.	264.	57.8	0.15	2.40	1.00	2.54	54.	10.1	295.4	2.0
12	01	01	1	19	-19.3	0.204	-9.000	-9.000	-999.	221.	45.6	0.15	2.40	1.00	2.27	79.	10.1	292.0	2.0
12	01	01	1	20	-20.7	0.218	-9.000	-9.000	-999.	244.	52.2	0.15	2.40	1.00	2.42	79.	10.1	292.5	2.0
12	01	01	1	21	-19.7	0.206	-9.000	-9.000	-999.	225.	46.9	0.15	2.40	1.00	2.30	95.	10.1	290.9	2.0
12	01	01	1	22	-17.6	0.190	-9.000	-9.000	-999.	199.	39.8	0.15	2.40	1.00	2.13	78.	10.1	290.4	2.0
12	01	01	1	23	-20.3	0.211	-9.000	-9.000	-999.	233.	49.0	0.15	2.40

```
1.00    2.35   52.   10.1  289.2    2.0
 12 01 01   1 24  -16.4  0.183 -9.000 -9.000 -999.  189.     37.0  0.15   2.40
1.00    2.06   75.   10.1  288.8    2.0


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

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE   4
 *** 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - -

ALLIDLE   1ST HIGHEST VALUE IS       4.91668 AT (  465734.77,  3763819.90,   248.47,
  248.47,    0.00)  DC
          2ND HIGHEST VALUE IS       3.90142 AT (  465834.62,  3763804.85,   252.41,
  252.41,    0.00)  DC
          3RD HIGHEST VALUE IS       3.89818 AT (  465815.89,  3763795.75,   252.06,
  252.06,    0.00)  DC
          4TH HIGHEST VALUE IS       3.86815 AT (  465402.58,  3764410.16,   274.05,
  274.05,    0.00)  DC
          5TH HIGHEST VALUE IS       3.83278 AT (  465370.10,  3764407.54,   275.39,
  275.39,    0.00)  DC
          6TH HIGHEST VALUE IS       3.82030 AT (  465852.68,  3763808.30,   252.43,
  252.43,    0.00)  DC
          7TH HIGHEST VALUE IS       3.77547 AT (  465383.87,  3764412.76,   274.85,
  274.85,    0.00)  DC
          8TH HIGHEST VALUE IS       3.62804 AT (  465813.22,  3763774.61,   252.30,
  252.30,    0.00)  DC
          9TH HIGHEST VALUE IS       3.62539 AT (  465401.09,  3764424.54,   274.14,
  274.14,    0.00)  DC
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        10TH HIGHEST VALUE IS      3.56721 AT (  465873.18,  3763799.25,   252.48,
  252.48,    0.00)  DC

CNGLIFT   1ST HIGHEST VALUE IS      5.29666 AT (  465734.77,  3763819.90,   248.47,
  248.47,    0.00)  DC
         2ND HIGHEST VALUE IS      4.15797 AT (  465834.62,  3763804.85,   252.41,
  252.41,    0.00)  DC
         3RD HIGHEST VALUE IS      4.15296 AT (  465815.89,  3763795.75,   252.06,
  252.06,    0.00)  DC
         4TH HIGHEST VALUE IS      4.07062 AT (  465852.68,  3763808.30,   252.43,
  252.43,    0.00)  DC
         5TH HIGHEST VALUE IS      3.87228 AT (  465402.58,  3764410.16,   274.05,
  274.05,    0.00)  DC
         6TH HIGHEST VALUE IS      3.85555 AT (  465813.22,  3763774.61,   252.30,
  252.30,    0.00)  DC
         7TH HIGHEST VALUE IS      3.82224 AT (  465370.10,  3764407.54,   275.39,
  275.39,    0.00)  DC
         8TH HIGHEST VALUE IS      3.79000 AT (  465873.18,  3763799.25,   252.48,
  252.48,    0.00)  DC
         9TH HIGHEST VALUE IS      3.76984 AT (  465383.87,  3764412.76,   274.85,
  274.85,    0.00)  DC
        10TH HIGHEST VALUE IS      3.70902 AT (  465803.72,  3763759.50,   252.16,
  252.16,    0.00)  DC

DSLEXC    1ST HIGHEST VALUE IS      5.42763 AT (  465734.77,  3763819.90,   248.47,
  248.47,    0.00)  DC
         2ND HIGHEST VALUE IS      4.25369 AT (  465815.89,  3763795.75,   252.06,
  252.06,    0.00)  DC
         3RD HIGHEST VALUE IS      4.25281 AT (  465834.62,  3763804.85,   252.41,
  252.41,    0.00)  DC
         4TH HIGHEST VALUE IS      4.15895 AT (  465852.68,  3763808.30,   252.43,
  252.43,    0.00)  DC
         5TH HIGHEST VALUE IS      3.95407 AT (  465813.22,  3763774.61,   252.30,
  252.30,    0.00)  DC
         6TH HIGHEST VALUE IS      3.87235 AT (  465873.18,  3763799.25,   252.48,
  252.48,    0.00)  DC
         7TH HIGHEST VALUE IS      3.80578 AT (  465803.72,  3763759.50,   252.16,
  252.16,    0.00)  DC
         8TH HIGHEST VALUE IS      3.69184 AT (  465402.58,  3764410.16,   274.05,
  274.05,    0.00)  DC
         9TH HIGHEST VALUE IS      3.68003 AT (  465789.95,  3763743.18,   252.01,
  252.01,    0.00)  DC
        10TH HIGHEST VALUE IS      3.65646 AT (  465370.10,  3764407.54,   275.39,
  275.39,    0.00)  DC

DSLLIFT   1ST HIGHEST VALUE IS      5.41723 AT (  465734.77,  3763819.90,   248.47,
  248.47,    0.00)  DC
         2ND HIGHEST VALUE IS      4.23090 AT (  465834.62,  3763804.85,   252.41,
  252.41,    0.00)  DC
         3RD HIGHEST VALUE IS      4.22654 AT (  465815.89,  3763795.75,   252.06,
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  252.06,    0.00)  DC
         4TH HIGHEST VALUE IS       4.14123 AT (  465852.68,  3763808.30,   252.43,
  252.43,    0.00)  DC
         5TH HIGHEST VALUE IS       3.92143 AT (  465813.22,  3763774.61,   252.30,
  252.30,    0.00)  DC
         6TH HIGHEST VALUE IS       3.85231 AT (  465873.18,  3763799.25,   252.48,
  252.48,    0.00)  DC
         7TH HIGHEST VALUE IS       3.83630 AT (  465402.58,  3764410.16,   274.05,
  274.05,    0.00)  DC
         8TH HIGHEST VALUE IS       3.78539 AT (  465370.10,  3764407.54,   275.39,
  275.39,    0.00)  DC
         9TH HIGHEST VALUE IS       3.77291 AT (  465803.72,  3763759.50,   252.16,
  252.16,    0.00)  DC
        10TH HIGHEST VALUE IS       3.73368 AT (  465383.87,  3764412.76,   274.85,
  274.85,    0.00)  DC
 *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE   5
 *** 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

TRUCK1     1ST HIGHEST VALUE IS       3.10364 AT (  465144.74,  3762701.36,   247.38,
  247.38,    0.00)  DC
         2ND HIGHEST VALUE IS       2.94533 AT (  467195.67,  3761726.98,   264.16,
  588.66,    0.00)  DC
         3RD HIGHEST VALUE IS       2.89371 AT (  467217.02,  3761765.04,   263.60,
  588.66,    0.00)  DC
         4TH HIGHEST VALUE IS       2.88332 AT (  465135.46,  3762719.37,   247.36,
  247.36,    0.00)  DC
         5TH HIGHEST VALUE IS       2.77486 AT (  465966.07,  3762033.84,   246.26,
  246.26,    0.00)  DC
         6TH HIGHEST VALUE IS       2.77145 AT (  465126.73,  3762734.11,   247.34,
  247.34,    0.00)  DC
         7TH HIGHEST VALUE IS       2.77043 AT (  468310.81,  3763707.06,   274.82,
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  736.34,    0.00)  DC
         8TH HIGHEST VALUE IS       2.68104 AT (  465115.81,  3762751.58,   247.37,
  247.37,    0.00)  DC
         9TH HIGHEST VALUE IS       2.61187 AT (  467244.41,  3761802.18,   263.15,
  588.66,    0.00)  DC
        10TH HIGHEST VALUE IS       2.58164 AT (  465097.25,  3762780.50,   247.29,
  247.29,    0.00)  DC

TRUCK2    1ST HIGHEST VALUE IS       5.66933 AT (  465144.74,  3762701.36,   247.38,
  247.38,    0.00)  DC
         2ND HIGHEST VALUE IS       5.32719 AT (  465135.46,  3762719.37,   247.36,
  247.36,    0.00)  DC
         3RD HIGHEST VALUE IS       5.16122 AT (  465126.73,  3762734.11,   247.34,
  247.34,    0.00)  DC
         4TH HIGHEST VALUE IS       5.02275 AT (  465115.81,  3762751.58,   247.37,
  247.37,    0.00)  DC
         5TH HIGHEST VALUE IS       4.83659 AT (  465097.25,  3762780.50,   247.29,
  247.29,    0.00)  DC
         6TH HIGHEST VALUE IS       4.81532 AT (  465107.63,  3762766.86,   247.29,
  247.29,    0.00)  DC
         7TH HIGHEST VALUE IS       4.62096 AT (  465090.16,  3762794.70,   247.08,
  247.08,    0.00)  DC
         8TH HIGHEST VALUE IS       4.60314 AT (  465077.60,  3762811.62,   246.69,
  246.69,    0.00)  DC
         9TH HIGHEST VALUE IS       4.36197 AT (  465157.89,  3762710.25,   247.16,
  247.16,    0.00)  DC
        10TH HIGHEST VALUE IS       4.20071 AT (  465149.18,  3762726.68,   247.26,
  247.26,    0.00)  DC

TRUCK3    1ST HIGHEST VALUE IS       4.49960 AT (  465144.74,  3762701.36,   247.38,
  247.38,    0.00)  DC
         2ND HIGHEST VALUE IS       4.13068 AT (  465135.46,  3762719.37,   247.36,
  247.36,    0.00)  DC
         3RD HIGHEST VALUE IS       3.93598 AT (  465126.73,  3762734.11,   247.34,
  247.34,    0.00)  DC
         4TH HIGHEST VALUE IS       3.76201 AT (  465115.81,  3762751.58,   247.37,
  247.37,    0.00)  DC
         5TH HIGHEST VALUE IS       3.55358 AT (  465107.63,  3762766.86,   247.29,
  247.29,    0.00)  DC
         6TH HIGHEST VALUE IS       3.52452 AT (  465097.25,  3762780.50,   247.29,
  247.29,    0.00)  DC
         7TH HIGHEST VALUE IS       3.52181 AT (  464281.85,  3756591.14,   259.91,
  330.48,    0.00)  DC
         8TH HIGHEST VALUE IS       3.35436 AT (  465157.89,  3762710.25,   247.16,
  247.16,    0.00)  DC
         9TH HIGHEST VALUE IS       3.33109 AT (  465090.16,  3762794.70,   247.08,
  247.08,    0.00)  DC
        10TH HIGHEST VALUE IS       3.27863 AT (  465077.60,  3762811.62,   246.69,
  246.69,    0.00)  DC
```

```
TRUCK4    1ST HIGHEST VALUE IS       4.49960 AT (  465144.74,  3762701.36,   247.38,
  247.38,    0.00)  DC
          2ND HIGHEST VALUE IS       4.13068 AT (  465135.46,  3762719.37,   247.36,
  247.36,    0.00)  DC
          3RD HIGHEST VALUE IS       3.93598 AT (  465126.73,  3762734.11,   247.34,
  247.34,    0.00)  DC
          4TH HIGHEST VALUE IS       3.76201 AT (  465115.81,  3762751.58,   247.37,
  247.37,    0.00)  DC
          5TH HIGHEST VALUE IS       3.55358 AT (  465107.63,  3762766.86,   247.29,
  247.29,    0.00)  DC
          6TH HIGHEST VALUE IS       3.52452 AT (  465097.25,  3762780.50,   247.29,
  247.29,    0.00)  DC
          7TH HIGHEST VALUE IS       3.52181 AT (  464281.85,  3756591.14,   259.91,
  330.48,    0.00)  DC
          8TH HIGHEST VALUE IS       3.35436 AT (  465157.89,  3762710.25,   247.16,
  247.16,    0.00)  DC
          9TH HIGHEST VALUE IS       3.33109 AT (  465090.16,  3762794.70,   247.08,
  247.08,    0.00)  DC
         10TH HIGHEST VALUE IS       3.27863 AT (  465077.60,  3762811.62,   246.69,
  246.69,    0.00)  DC
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE   6
 *** 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
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

TRUCK5    1ST HIGHEST VALUE IS       6.66292 AT (  463449.07,  3771509.67,   356.37,
 2697.31,    0.00)  DC
          2ND HIGHEST VALUE IS       6.17923 AT (  463450.61,  3771836.01,   360.56,
 2697.31,    0.00)  DC
          3RD HIGHEST VALUE IS       5.64094 AT (  463452.60,  3772407.95,   369.24,
 2697.31,    0.00)  DC
          4TH HIGHEST VALUE IS       5.39211 AT (  463456.01,  3771996.49,   363.33,
 2697.31,    0.00)  DC
```

```
          5TH HIGHEST VALUE IS       4.07772 AT (  463391.98,  3771839.87,   361.38,
 2697.31,    0.00)  DC
          6TH HIGHEST VALUE IS       4.02566 AT (  463393.52,  3770784.56,   345.61,
  345.61,    0.00)  DC
          7TH HIGHEST VALUE IS       3.61284 AT (  463387.17,  3770930.69,   348.01,
  348.01,    0.00)  DC
          8TH HIGHEST VALUE IS       3.45982 AT (  463382.72,  3771899.28,   361.90,
 2697.31,    0.00)  DC
          9TH HIGHEST VALUE IS       3.39101 AT (  463381.18,  3772107.58,   365.27,
 2697.31,    0.00)  DC
         10TH HIGHEST VALUE IS       2.82684 AT (  464510.03,  3763571.36,   254.28,
  525.86,    0.00)  DC

ALL       1ST HIGHEST VALUE IS      23.59844 AT (  465734.77,  3763819.90,   248.47,
  248.47,    0.00)  DC
          2ND HIGHEST VALUE IS      19.71871 AT (  465144.74,  3762701.36,   247.38,
  247.38,    0.00)  DC
          3RD HIGHEST VALUE IS      18.74714 AT (  465815.89,  3763795.75,   252.06,
  252.06,    0.00)  DC
          4TH HIGHEST VALUE IS      18.70618 AT (  465834.62,  3763804.85,   252.41,
  252.41,    0.00)  DC
          5TH HIGHEST VALUE IS      18.62794 AT (  465135.46,  3762719.37,   247.36,
  247.36,    0.00)  DC
          6TH HIGHEST VALUE IS      18.30249 AT (  465852.68,  3763808.30,   252.43,
  252.43,    0.00)  DC
          7TH HIGHEST VALUE IS      18.10439 AT (  465126.73,  3762734.11,   247.34,
  247.34,    0.00)  DC
          8TH HIGHEST VALUE IS      17.68379 AT (  465115.81,  3762751.58,   247.37,
  247.37,    0.00)  DC
          9TH HIGHEST VALUE IS      17.56267 AT (  465813.22,  3763774.61,   252.30,
  252.30,    0.00)  DC
         10TH HIGHEST VALUE IS      17.16338 AT (  465097.25,  3762780.50,   247.29,
  247.29,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↟ *** AERMOD - VERSION 23132  ***   *** C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\2240 Fleetwood Dr ***        06/13/24
 *** AERMET - VERSION  16216 ***   ***
                       ***        17:18:50

                                  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	NETWORK OF TYPE	GRID-ID
ALLIDLE HIGH 1ST HIGH VALUE IS	88.26123	ON 14051701:	AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	
CNGLIFT HIGH 1ST HIGH VALUE IS	95.10775	ON 15091002:	AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	
DSLEXC HIGH 1ST HIGH VALUE IS	93.32138	ON 14081205:	AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	
DSLLIFT HIGH 1ST HIGH VALUE IS	95.97584	ON 14112518:	AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	
TRUCK1 HIGH 1ST HIGH VALUE IS	8.30416	ON 13062606:	AT (465144.74, 3762701.36, 247.38, 247.38, 0.00)	DC	
TRUCK2 HIGH 1ST HIGH VALUE IS	14.81716	ON 13062606:	AT (465144.74, 3762701.36, 247.38, 247.38, 0.00)	DC	
TRUCK3 HIGH 1ST HIGH VALUE IS	12.14866	ON 13062606:	AT (465144.74, 3762701.36, 247.38, 247.38, 0.00)	DC	
TRUCK4 HIGH 1ST HIGH VALUE IS	12.14866	ON 13062606:	AT (465144.74, 3762701.36, 247.38, 247.38, 0.00)	DC	
TRUCK5 HIGH 1ST HIGH VALUE IS	20.42599	ON 12072006:	AT (463449.07, 3771509.67, 356.37, 2697.31, 0.00)	DC	
ALL HIGH 1ST HIGH VALUE IS	369.30859	ON 15091002:	AT (465370.10, 3764407.54, 275.39, 275.39, 0.00)	DC	

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

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

A Total of   0 Fatal Error Message(s)
A Total of   2 Warning Message(s)
A Total of   1638 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   1039 Calm Hours Identified

A Total of   599 Missing Hours Identified (1.37 Percent)

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

   ********   WARNING MESSAGES   ********
ME W186   17348   MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
    0.50
ME W187   17348   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

HARP2 - HRACalc (dated 22118) 3/6/2026 10:50:36 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: ON

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Fleetwood\FLEETWOOD OPS HARP2\hra\Fleetwood_Ops_Unmit_CancerRisk.csv
Cancer risk total by receptor saved to: C:\Users\enuno\OneDrive - Dudek\Desktop\HARP2\HARP\Fleetwood\FLEETWOOD OPS HARP2\hra\Fleetwood_Ops_Unmit_CancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 22118) 3/6/2026 11:40:02 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: True
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

```
Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

**********
HOMEGROWN CROP PATHWAY SETTINGS

Household type: HouseholdsthatGarden
Fraction leafy: 0.137
Fraction exposed: 0.137
Fraction protected: 0.137
Fraction root: 0.137

**********
TIER 2 SETTINGS
Tier2 not used.

**********

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Fleetwood\FLEETWOOD OPS
HARP2\hra\Fleetwood_Ops_Unmit_ChronicNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\Users\enuno\OneDrive -
Dudek\Desktop\HARP2\HARP\Fleetwood\FLEETWOOD OPS
HARP2\hra\Fleetwood_Ops_Unmit_ChronicNCChronicRiskSumByRec.csv
HRA ran successfully
```

Appendix E
Energy Summary

Construction

Source	Percent	Total MTCO2	Gallons Diesel	Gallons Gasoline
2025				
Off-road	70.3%	298	29,188	
Electricity	0.0%	0		
Worker	10.8%	46		5,219
Vendor	11.5%	49	4,791	
Hauling	7.4%	31	3,064	
Onsite Truck	0.0%	0	0	
Total	*100.0%*	*424*	*37,044*	*5,219*
2026				
Off-road	83.1%	16	1,613	
Electricity	0.0%	0		
Worker	15.5%	3		351
Vendor	1.4%	0	27	
Hauling	0.0%	0	0	
Onsite Truck	0.0%	0	0	
Total	*100.0%*	*20*	*1,640*	*351*
Total Construction Period				
Off-road	70.9%	314	30,801	0
Electricity	0.0%	0	0	0
Worker	11.0%	49	0	5,570
Vendor	11.1%	49	4,818	0
Hauling	7.1%	31	3,064	0
Onsite Truck	0.0%	0	0	0
Total	***100.0%***	***444***	***38,684***	***5,570***

Total Petroleum

Constants		
Fuel	**KgCO2/Gallon**	1000 Kg in MT
Gasoline	8.78	
Diesel	10.21	

Source: The Climate Registry 2021

Table 2.1 U.S. Default Factors for Calculating CO_2 Emissions from Combustion of Transport Fuels

Fuel Type	Carbon Content (Per Unit Energy)	Heat Content	Fraction Oxidized	CO_2 Emission Factor (Per Unit Volume)
Fuels Measured in Gallons	kg C / MMBtu	MMBtu / barrel		kg CO_2 / gallon
Gasoline	19.2	5.25	1	8.78
Diesel Fuel	20.2	5.80	1	10.21

Operation

Source	Percent	Total MTCO2	Gallons Diesel	Gallons Gasoline
Mobile Exhaust	76.5%	2,238.99	158,131	71,124
Landscape Equipment	0.1%	1.46		
Electricity	4.4%	129.58		
Natural Gas Energy	6.4%	185.74		
Water and Wastewater	1.0%	28.96		
Solid Waste	0.3%	9.07		
Offroad	11.3%	331.12	32,431	
		0.00	0	
Total	**100.0%**	**2925.09**	**190,562**	**71,124**

Type	Total	Units
Petroleum	261,686	gallons/year
Electricity - unmitigated	824,906	kWh/year
Natural Gas	3,500,452	kBTU/year