

Memorandum

To: Kim Baranek, Principal, Baranek Consulting Group
From: James Westbrook, BlueScape Environmental
Date: November 10, 2025
Subject: Air Quality Technical Study for The Cambridge School, San Diego, California

This memorandum provides results for the air quality technical study, including a screening health risk assessment (HRA), performed for the pre-K through 12th grade private Cambridge School, proposed to be located on the southwest corner of Camino Del Sur and Coyote Bush Drive in the Black Mountain Ranch area of San Diego, California (Project). The information contained in this memo is intended to accompany a Consistency Review assessing Project consistency with the Black Mountain Ranch Subarea 1 Environmental Impact Report (EIR 96-7902, certified in 1998, as addended in 2009). The 1998 EIR identified significant direct and indirect impacts to air quality as a result of construction-related activities and incorporated mitigation measures to reduce fugitive dust impacts during project construction and grading activities. Measures to reduce operational emissions related to vehicle emissions were incorporated into the project through the siting of a transit center, the integration of bike lanes and racks at major activity centers, and other trip reduction strategies. An analysis completed for the 2009 Addendum determined that PM_{2.5} and diesel particulate impacts would be less than significant during project construction. Despite the application of mitigation, the 1998 EIR concluded that the original project would result in significant and unmitigated direct and cumulative impacts to regional air quality. This air quality technical study includes an assessment of potential impacts associated with Project construction, and an evaluation of Project operational impacts.

The screening HRA presented in this memo was performed for diesel particulate matter (DPM) emissions during construction of the Project. For health risk impacts, DPM emissions are considered to be the only pollutant from construction or operation of the Project that needs to be considered. Other potential emissions, such as fugitive dust, will have a negligible health impact and are reduced through the application of mitigation identified in the 1998 EIR.

The modeling results from this study are compared to the City of San Diego's ("the City's") California Environmental Quality Act (CEQA) thresholds, to determine if impacts from the Project would be considered significant.

PROJECT DESCRIPTION

The Project site is designated in the Black Mountain Ranch Community Plan for Employment Center uses in the Urban Village Overlay Zone (CC-4-5/UVOZ). The Project will require a Conditional Use Permit (CUP), as schools are permitted with limitations in this zone. The Project would involve the development of a new grade pre-K through 12th grade campus serving 663 students with a 182,868 square-foot (sf) 3-story classroom building, a 10,904 sf 1-story multipurpose building, and a track and sports field over a 128,843 sf semi-subterranean parking structure. The total site area is 6.52 acres and there are no existing structures requiring demolition on the site. The total landscaped area will be 35,275 sf, including 24,673 sf of low water use landscaping. The parking structure will provide 386 parking spaces. Grading quantities include 41,700 cubic yards (cy) of cut material and 37,100 cy of fill material, with 4,600 cy of export.

The Project would include a Project Design Feature (PDF) aimed to reduce construction emissions. This PDF has been quantified for the purpose of emissions modeling. To ensure that the PDF is implemented during construction, it will be imposed as an enforceable condition of approval by the City of San Diego.

PDF-AQ: Prior to the commencement of construction activities for the Project, the grading and construction plan notes shall specify that all 100-horsepower or greater diesel-powered equipment is powered with California Air Resources Board (CARB)-certified Tier 4 Final engines or better.

An exemption from this requirement may be granted if (1) the applicant documents equipment with Tier 4 Final engines or better are not reasonably available, and (2) the required corresponding reductions in construction emissions can be achieved for the Project from other combinations of construction equipment. Before an exemption may be granted, the applicant's construction contractor shall: (1) demonstrate that at least two construction fleet owners/operators in San Diego County were contacted and that those owners/operators confirmed Tier 4 Final equipment or better could not be located within San Diego County during the desired construction schedule; and (2) the proposed replacement equipment has been evaluated using California Emissions Estimator Model (CalEEMod) or other industry standard emission estimation method and documentation provided to the City of San Diego to confirm that project-generated construction emissions do not exceed applicable San Diego Air Pollution Control District's carcinogenic (cancer) risk threshold.

A qualified air quality monitor shall be on-site during the demolition, site preparation, grading, and building construction phases to confirm that all 100-horsepower or greater diesel-powered equipment employs Tier 4 Final or better equipment and that construction equipment that is certified less than Tier 4 Final is being used only where Tier 4 Final

equipment or better is unavailable from vendors. When such equipment is being used, such equipment shall be installed with Diesel Particulate Filters (DPFs) whenever possible.

AIR QUALITY ASSESSMENT

The Project is located within the San Diego Air Basin (SDAB) and is within the jurisdictional boundaries of the San Diego County Air Pollution Control District (SDAPCD), which has jurisdiction over the City where the Project is located. 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 that are evaluated include volatile organic compounds (VOC), oxides of nitrogen (NO_x), carbon monoxide (CO), oxides of sulfur (SO_x), particulate matter with an aerodynamic diameter less than or equal to 10 microns in size (coarse particulate matter, or PM₁₀), and particulate matter with an aerodynamic diameter less than or equal to 2.5 microns in size (fine particulate matter, or PM_{2.5}). VOC and NO_x are important because they are precursors to ozone (O₃).

AIR QUALITY AND HEALTH RISK THRESHOLDS OF SIGNIFICANCE

Air quality and health risk impacts of the proposed Project were evaluated based on the City of San Diego's (City) CEQA guidance document for air quality significance thresholds, which are partly based on SDAPCD Rule 20.2 and Rule 1200 thresholds.¹ A significant impact would occur if the Project would:

1. Conflict with or obstruct implementation of the applicable air quality plan;
2. Violate any air quality standard or contribute substantially to an existing or projected air quality violation;
3. 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;
4. Expose sensitive receptors to substantial pollutant concentrations;
5. Create objectionable odors affecting a substantial number of people; or
6. Release substantial quantities of air contaminants beyond the boundaries of the premises upon which the stationary source emitting the contaminants is located.

The SDAPCD sets forth quantitative emissions thresholds below which a stationary source would not have a significant impact on ambient air quality. As part of its air quality permitting process, the SDAPCD has established thresholds for criteria pollutants in Rule 20.2 requiring the preparation of air quality impact assessments

¹ Significance Determination Thresholds, City of San Diego, September 2022.
www.sandiego.gov/sites/default/files/september_2022_ceqa_thresholds_final.pdf

for permitted stationary sources.² For toxic air contaminants, the SDAPCD has established significance thresholds for cancer and non-cancer chronic and acute risk in Rule 1210.³ Project-related air quality impacts estimated in this environmental analysis would be considered significant if any of the applicable significance thresholds presented in Table 1 are exceeded.

TABLE 1 SDAPCD AIR QUALITY SIGNIFICANCE THRESHOLDS		
Criteria Pollutants		
Pollutant	Daily (lbs/day)	Annual (tons/yr)
Respirable Particulate Matter (PM ₁₀)	100	15
Fine Particulate Matter (PM _{2.5})	67	10
Oxides of Nitrogen (NO _x)	250	40
Oxides of Sulfur (SO _x)	250	40
Carbon Monoxide (CO)	550	100
Volatile Organic Compounds (VOC) ^a	137	15
Health Risk Significance Thresholds – Toxic Air Contaminants		
Risk Type	Threshold Limit	
30-year Residential Cancer	10 in one million	
Non-cancer Chronic Risk	1.0 HHI ^b	
Non-cancer Acute Risk	1.0 HHI ^b	
a. VOC threshold based on SCAQMD levels per South Coast Air Quality Management District, which has similar federal and state attainment status as San Diego.		
b. HHI = Health Hazard Index.		

The thresholds listed in Table 1 represent screening-level thresholds that can be used to evaluate whether Project-related emissions could cause a significant impact on air quality. Emissions and/or health risks below the screening-level thresholds would not cause a significant impact. For nonattainment pollutants, if emissions exceed the thresholds shown in Table 1, the Project could have the potential to result in a cumulatively considerable net increase in these pollutants and, thus, could have a significant impact on the ambient (regional) air quality.

With respect to odors, SDAPCD Rule 51 (Public Nuisance) prohibits emissions of any material that causes nuisance to a considerable number of persons or endangers the comfort, health, or safety of any person. A project that proposes a use that would

² SDAPCD Rule 20.2, revised October 16, 2020.

www.sdapcd.org/content/dam/sdapcd/documents/rules/current-rules/Rule-20.2.pdf

³ SDAPCD Rule 1210, revised June 5, 2024.

www.sdapcd.org/content/dam/sdapcd/documents/rules/current-rules/Rule-1210.pdf

produce objectionable odors would be deemed to have a significant odor impact if it would affect a considerable number of off-site receptors.

In addition to the SDAPCD rules and guidance listed above, the Project was evaluated for consistency with mitigation measures listed in the Black Mountain Ranch Subarea Plan, adopted July 1998 and amended in 2020,⁴ which incorporates the mitigation measures in the Black Mountain Ranch Subarea 1 Environmental Impact Report (EIR) 96-7902, certified in 1998, as addended in 2009.

Construction mitigation measures from the Subarea Plan include:

1. All unpaved construction areas would be sprinkled with water or other acceptable San Diego APCD dust control agents during dust-generating activities to reduce dust emissions. Additional watering or acceptable APCD dust control agents would be applied during dry weather or windy days until dust emissions are not visible.
2. Trucks hauling dirt and debris would be covered to reduce windblown dust and spills.
3. On dry days, dirt and debris spilled onto paved surfaces would be swept up immediately to reduce resuspension of particulate matter caused by vehicle movement. Approach routes to construction sites would be cleaned daily of construction-related dirt in dry weather.
4. On-site stockpiles of excavated material would be covered or watered.
5. To reduce construction-related vehicle emissions, ride share opportunities would be encouraged and construction vehicle access would be limited to roads determined in a temporary traffic construction management plan. In addition, construction staging areas would be as far away from existing or completed residences as possible. Construction activities would also be limited to the hours of 7 A.M. to 7 P.M. Monday through Saturday under San Diego's Noise Ordinance Section 36.410 for operating construction equipment.

Operational measures incorporated into the Subarea Plan include measures to reduce vehicle miles traveled, such as provision of bike lanes, sidewalks, and transit facilities. As the Subarea Plan is built out over time, these measures will be implemented.

AIR QUALITY IMPACT ANALYSIS

Impact 1. Would the Project conflict with or obstruct implementation of the applicable air quality plan?

The SDAPCD and the San Diego Association of Governments (SANDAG) are responsible for developing and implementing the clean air plans for attainment and maintenance of the ambient air quality standards in the basin – specifically, the State

⁴ *Black Mountain Ranch Subarea Plan*. City of San Diego. Amended September 2021.
https://www.sandiego.gov/sites/default/files/bmr_subarea_plan_2021.pdf

Implementation Plan (SIP) and Regional Air Quality Strategy (RAQS).⁵ The federal O₃ maintenance plan, which is part of the SIP, was adopted in 2012. The most recent O₃ attainment plan was adopted and approved by the California Air Resources Board (CARB) on September 22, 2022. The SIP includes a demonstration that current strategies and tactics will maintain acceptable air quality in the SDAB based on the National Ambient Air Quality Standards (NAAQS). The RAQS was initially adopted in 1992 and is updated on a triennial basis (most recently in 2022). The RAQS outlines SDAPCD's plans and control measures designed to attain the state air quality standards for O₃. The SIP and RAQS rely on information from CARB and San Diego Association of Governments (SANDAG), including mobile and area source emissions, as well as information regarding projected growth in the County as a whole and the cities in the County, to project future emissions and determine the strategies necessary for the reduction of emissions through regulatory controls. CARB mobile source emission projections and SANDAG growth projections are based on population, vehicle trends, and land use plans developed by the County and the cities in the County as part of the development of their general plans.

If a project proposes development that is greater than that anticipated in the local plan and SANDAG's growth projections, the project might be in conflict with the SIP and RAQS and may contribute to a potentially significant cumulative impact on air quality.

While the SDAPCD and City do not provide guidance regarding the analysis of impacts associated with air quality plan conformance, the County's Guidelines for Determining Significance and Report and Format and Content Requirements – Air Quality, does discuss conformance with the RAQS.⁶ The guidance indicates that if a project, in conjunction with other projects, contributes to growth projections that would not exceed SANDAG's growth projections for the City, the project would not be in conflict with the RAQS. The proposed Project site's land use designation is industrial employment in Figure LU-2 of the General Plan Land Use and Street System.⁷ The General Plan land use is further refined in the Black Mountain Ranch Subarea Plan, which designates the site for Employment use and the site is zoned for Community Commercial uses. Schools are an allowed use in the underlying zone. Conformance with the requirements of the base zone would implement the General Plan and Community Plan Land Use. The Employment Land Use is implemented by the Urban Village Overlay Zone (UVOZ) and the CC-4-5 zone. Schools are allowed with a CUP within the CC-4-5 zone and the UVOZ requirements have been implemented through the North Village Core Design Guidelines. The Project would not contribute to growth in the region that is not already accounted for because schools are an allowed use

⁵ 2022 Regional Air Quality Strategy (RAQS), SDAPCD, March 9, 2023.
www.sdapcd.org/content/dam/sdapcd/documents/grants/planning/Att.%20A%20-%202022%20RAQS.pdf

⁶ Guidelines for Determining Significance – Air Quality, County of San Diego, March 19, 2007.
www.sandiegocounty.gov/content/dam/sdc/pds/ProjectPlanning/docs/AQ-Guidelines.pdf

⁷ Land Use and Community Planning Element, City of San Diego, July 2024.
https://www.sandiego.gov/sites/default/files/2024-08/general-plan_02_land-use_july-2024_updated.pdf

within the respective zone, with a CUP. Therefore, a less than significant impact would result.

The Project will be consistent with the construction and operational mitigation measures listed in the Black Mountain Ranch Subarea Plan EIR. For control of fugitive dust during construction, the Project will comply with SDAPCD Rule 55 for Fugitive Dust Control and additional control measures such as watering during dust-generating activities, covering trucks hauling dirt and debris, sweeping of paved surfaces, and covering or watering on-site stockpiles are incorporated into the Project design. For Project operational measures to reduce vehicle miles traveled, the Project's incorporation of bike lanes and sidewalks will be consistent with provisions of the Subarea Plan.

Impact 2. Would the Project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Construction and operation of the Project as they relate to the violation of air quality standards or contribution to an existing or projected air quality violation is discussed below. The construction and operational scenarios were modeled using the California Emissions Estimator Model (CalEEMod) version 2022.1.1.24 with the assumptions listed below. The modeled results were then compared to the City's/SDAPCD significance thresholds for the criteria pollutants listed below in Table 1.

Construction

Construction of the Project would result in a temporary addition of criteria air pollutants to the local area caused by soil disturbance, fugitive dust emissions, application of architectural coatings, combustion pollutants from on-site construction equipment, as well as off-site trucks hauling construction materials. Construction for this concrete tilt-up method building may commence as early as June 2027, with an estimated 16-month duration. The modeled construction schedule is as follows:

- Grading (15 days)
- Initial Building Construction (65 days)
- Building Lift (10 days)
- Continued Construction (253 days)
- Concrete Paving (23 days)
- Architectural Coating (15 days)

Off-road and on-road construction equipment and vehicles associated with the construction periods were estimated in CalEEMod, with the following non-default assumptions:

- Construction equipment rated at 100 hp or more will meet Tier 4 engine standards. To ensure compliance with this assumption, PDF-AQ is required as a condition of the permit.

- Some equipment quantities were adjusted for the annual construction modeling, as CalEEMod assumes each piece of equipment listed in a phase runs for the entire duration of that phase. For example, the scraper used for grading is only used for 3 days out of the 15-day phase, so a fractional value of 0.2 (3/15 days) was assigned to the scraper count to ensure that annual emissions were not overestimated. A separate model was done for daily emissions with a value of 1 assigned to the scraper count to ensure that daily totals were not underestimated with this method.
- Similarly, CalEEMod assumes the same number of daily one-way construction vehicle trips for vendors and hauling occur for the entire duration of that phase. Vehicle truck trips in the annual modeling were adjusted so the number of trips for each phase were not overestimated. For example, one two-way vendor trip will occur in the 10-day building lift phase, so the fractional value of 0.2 was used (1 trip /10 days * 2 one-way trips). A separate model was done for daily emissions with 2 one-way trips to ensure that daily totals were not underestimated with this method.

Table 2 shows the estimated maximum daily construction emissions. The CalEEMod emission estimates and assumptions for construction can be viewed in Attachment A. Short-term construction emissions, on a daily basis, are summarized in Table 2 and annual construction emissions are summarized in Table 3.

TABLE 2 ESTIMATED MAXIMUM DAILY CONSTRUCTION EMISSIONS						
Construction Phase	Maximum Emissions (lbs/day)					
	VOC	NO_x	CO	SO_x	PM₁₀	PM_{2.5}
Maximum Day	60.3	5.48	14.1	0.04	1.68	0.48
City Threshold	137	250	550	250	100	67
Threshold Exceeded?	No	No	No	No	No	No
<i>See Attachment A for CalEEMod ver. 2022.1.1.24 computer model output for the construction emission estimates for the proposed development; the higher value of summer or winter daily emissions are shown.</i>						

TABLE 3 ESTIMATED MAXIMUM ANNUAL CONSTRUCTION EMISSIONS						
Construction Phase	Maximum Emissions (tons/yr)					
	VOC	NO_x	CO	SO_x	PM₁₀	PM_{2.5}
Max Annual	0.50	0.18	0.53	<0.005	0.12	0.03
City Threshold	15	40	100	40	15	10
Threshold Exceeded?	No	No	No	No	No	No
<i>See Attachment A for CalEEMod ver. 2022.1.1.24 computer model output; annual emissions shown.</i>						

As shown in Tables 2 and 3, construction of the proposed Project would not exceed the City's CEQA construction emission thresholds for daily and annual emissions. As such, air quality impacts from Project-related construction activities would be **less than significant** because it would not violate any air quality standard or contribute substantially to an existing or projected air quality violation.

Operation

Operational emissions include emissions from electricity consumption (energy sources), vehicle trips (mobile sources), area sources, landscape equipment, and evaporative emissions as the structures are repainted over the life of the Project. The majority of operational emissions are associated with vehicle trips to and from the Project site. The first year of operation was assumed to be 2028.

The elementary school land use option was selected as the Land Use for the two structures in the CalEEMod modeling inputs. One structure is a classroom building and one structure is a recreational building. The elementary school land use was chosen for both buildings because, though the school will also include high-school and junior high school students, the majority of students will be elementary school students. Project design features include using architectural coatings that meet SDAPCD Rule 67.0.1 standards. Current Title 24 Building Standards will be incorporated, as well as low flow water fixtures and water-efficient irrigation systems.

Table 4 summarizes the maximum daily emissions and Table 5 summarizes annual emissions associated with operation of the proposed Project. The CalEEMod emission estimates and assumptions for operations can be viewed in Attachment A.

TABLE 4 ESTIMATED MAXIMUM DAILY OPERATIONAL EMISSIONS						
	Estimated Emissions (lbs/day)					
	VOC	NO_x	CO	SO_x	PM₁₀	PM_{2.5}
Proposed Project						
Mobile	8.03	6.16	63.2	0.16	15.4	3.98
Area	4.39	0	0	0	0	0
Energy	0.05	0.82	0.69	<0.005	0.06	0.06
Daily Total	12.5	6.98	63.9	0.17	15.4	4.04
City Threshold	137	250	550	250	100	67
Exceeds Threshold?	No	No	No	No	No	No
<i>See Attachment A for CalEEMod v. 2022.1.1.24 computer model output; the higher value of summer or winter daily emissions are shown.</i>						

TABLE 5
ESTIMATED MAXIMUM ANNUAL OPERATIONAL EMISSIONS

	Estimated Emissions (tons/yr)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Proposed Project						
Mobile	1.02	0.79	7.70	0.02	2.00	0.52
Area	0.80	0	0	0	0	0
Energy	0.01	0.15	0.13	<0.005	0.01	0.01
Annual Total	1.83	0.94	7.83	0.02	2.01	0.53
City Threshold	15	40	100	40	15	10
Exceeds Threshold?	No	No	No	No	No	No
<i>See Attachment A for CalEEMod v. 2022.1.1.24 computer model output; annual emissions shown.</i>						

As shown in Tables 4 and 5, the emissions associated with Project operations would not exceed the SDAPCD thresholds for VOC, NO_x, CO, SO_x, PM₁₀ or PM_{2.5}. Therefore, the Project's regional air quality impacts (including impacts related to criteria pollutants and violations of air quality standards) would be **less than significant**.

Impact 3. 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?

Air pollution is a largely cumulative impact. The nonattainment status of regional pollutants is a result of the past and present development, and SDAPCD 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 relevant in the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality.

As demonstrated in Tables 2 - 5, the emissions of criteria pollutants would be below the significance levels during construction and operation of the Project. In addition, the Project's components are consistent with the existing zoning and land use designations for the site and would not result in additional population growth or growth-inducing effects. Therefore, the Project would not result in a cumulatively considerable net increase of criteria pollutant emissions, and the impacts would be **less than significant**.

Impact 4. Would the Project expose sensitive receptors to substantial pollutant concentrations?

Project impacts may include emissions of pollutants identified by the state and federal government as TACs or hazardous air pollutants (HAPs) and the associated health

impacts to sensitive receptors. The greatest potential for TAC emissions during construction would be diesel particulate matter (DPM) emissions from heavy equipment operations and heavy-duty trucks. Emissions of TACs from Project operations would be very small compared to emissions of DPM from construction of the Project. A screening health risk assessment for construction DPM using AERMOD version 23132 is presented in this section.

Emissions of DPM from equipment used to construct the Project were analyzed to determine if the health risk impacts to nearby sensitive receptors (including residents, schools, hospitals, daycare, parks, etc.) will exceed the City's/SDAPCD's thresholds (see Table 1). The CalEEMod-modeled maximum daily exhaust PM₁₀ value for construction was used for non-cancer acute risk and the average annual exhaust PM₁₀ value for construction was used to analyze 30-year residential cancer risk and non-cancer chronic risk for sensitive receptors.

Sensitive Receptors

The City defines sensitive receptors as "a person in the population who is particularly susceptible to health effects due to exposure to an air contaminant than is the population at large." Sensitive receptors include (but are not limited to) residents, schools, hospitals, child care centers, parks, and senior citizen retirement homes. The Project site is bordered by various neighborhoods of single-family homes across Camino del Sur to the north and single- and multi-family homes to the west and south. The neighborhood to the south between Paseo Del Sur and Coyote Bush Drive is a 55+ single-family residential community with the closest sensitive receptors. The nearest school and preschool is Maranatha Christian School, located approximately 1,580 feet northwest of the Project site at 9050 Maranatha Drive. The closest hospital is the Kaiser Permanente Clinic, located east of the I-15 freeway approximately 3 miles east of the Project site at 17140 Bernardo Center Drive.

DPM Emissions

- Assumed that PM₁₀ emissions from exhaust are equivalent to construction DPM emissions. Annual CalEEMod results for construction DPM emissions were used for the 30-year residential risk and non-cancer chronic risk. Maximum daily CalEEMod results were used for non-cancer acute risk (Attachment A). Note that the totals listed in the default annual report are <0.005 tons/yr. The CalEEMod Excel report was reviewed to determine the specific lbs/year value. The highest year's value was used for the entire 16-month construction duration.
- Assumed Tier 4 engines or equivalent for construction equipment rated 100 hp or higher.
- 30-year residential cancer risk and non-cancer chronic risk:
 - Annual exhaust PM₁₀ = 7.075 lbs/year.
 - Annual DPM = 1.02E-04 g/sec.

- Non-cancer acute risk:
 - Max. daily exhaust PM₁₀ = 0.13 lbs/day
 - Divided over 8 hrs/day = (0.13 lbs/day)/(8 hrs/day) = 0.016 lbs/hr.
 - Max. hourly DPM = 0.0020 g/sec
 - Acute risk analyzed for the components of DPM, which include mercury, nickel, and benzene. See Table 6.

TABLE 6 SPECIATED COMPONENT EMISSIONS FROM DPM FOR ACUTE RISK CALCULATIONS			
Component of DPM	Diesel Default TAC Concentration* (lb/1000 gal)	Diesel TAC Ratio (g TAC/g DPM)	Emissions (g/sec)
Arsenic	0.0016	0.0005	1.05E-06
Copper	0.0041	0.0013	2.70E-06
Mercury	0.0020	0.0006	1.32E-06
Nickel	0.0039	0.0013	2.57E-06
1,3-Butadiene	0.2174	0.0699	1.43E-04
Acetaldehyde	0.7833	0.2520	5.16E-04
Acrolein	0.0339	0.0109	**
Benzene	0.1863	0.0599	1.23E-04
Formaldehyde	1.7261	0.5553	1.14E-03
Hydrochloric Acid	0.1863	0.0599	1.23E-04
Toluene	0.1054	0.0339	6.94E-05
Xylenes (mixed)	0.0424	0.0136	2.79E-05
* Diesel Default TAC Concentration for Acute Risk (lb/1000gal) from http://www.vcapcd.org/pubs/Engineering/AirToxics/combem.pdf ** ARB Policy is to exclude acrolein from risk management decisions, based upon Method 430 source test emission factors.			

AERMOD Model Setup

AERMOD inputs were as follows:

- Source Parameters:

- Source Type – VOLUME; a series of 20-m volume sources over the Project area.⁸
- Source ID – VOL1 - VOL54.
- Emission Rate – 1.0 g/sec volume sources spread out over the Project area.
- Release height – 5.0 meters.
- Initial vertical dimension – 1.4 meters.
- Met Data: Escondido Station – ESC_2010_2012_sigma_v19191.
- Elevated terrain modeled.
- Rural dispersion coefficient.
- Variable emissions scenarios (assume construction hours 8 am – 4 pm⁶):
 - Cancer and chronic risk: Factor of 3.0 entered for each hour between 8 am and 4 pm. Factor of 0 entered for all other hours, 7 days/week.
 - Acute risk: Factor of 1.0 entered for each hour between 8 am and 4 pm. Factor of 0 entered for all other hours, 7 days/week.
- Receptors:
 - No flagpole receptors.
 - Spacing: 25-meter grid out to 250 meters, 50-meter grid out to 500 meters, 100-meter grid out to 1,000 m, and 200-m grid out to 2,000 m.
 - Fence Line receptors placed at a spacing of 25 meters.
 - Additional receptors placed at sensitive receptor locations.

Risk Calculation Methodology

Cancer Risk:

AERMOD outputs consist of concentrations at each receptor, at which the concentration outputs are analyzed for the cancer and non-cancer chronic risk at the maximally exposed individual resident (MEIR) and sensitive receptors using equations and methodology in the OEHHA guidance.⁹ Exposure is evaluated by calculating the dose in milligrams per kilogram body weight per day (mg/kg/day). For residential exposure, the breathing rates are determined for specific age groups, so inhalation dose (dose-air) is calculated for each of these age groups: 3rd trimester, 0<2, 2<9, 2<16, 16<30 and 16-70 years. As explained below, due to the short period for construction, it was assumed that the most sensitive age

⁸ Reference for source type, release height, initial vertical dimension, and construction hours: SCAQMD Localized Significance Threshold Methodology, July 2008.

www.aqmd.gov/docs/default-source/ceqa/handbook/localized-significance-thresholds/final-lst-methodology-document.pdf

⁹ The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments, Office of Environmental Health Hazard Assessment. February 2015.

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

groups were exposed during the construction duration which generated worst-case cancer and chronic risks.

The following algorithms calculate this dose for exposure through the inhalation pathways. The worst-case cancer risk dose calculation is defined in OEHHA Equation 5.4.1.1 below:

OEHHA Equation 5.4.1.1

$$Dose_{air} = C_{air} * (BR/BW) * A * EF * 10^{-6}$$

Where:

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

C_{air} = Annual average DPM concentration at the PMI ($\mu\text{g}/\text{m}^3$)

BR/BW = Daily breathing rate normalized to body weight (L/kg body weight-day)

– See OEHHA guidance Table 5.6, 95th percentile values

A = Inhalation absorption factor (unitless) – recommended value is 1

EF = Exposure frequency (unitless) – recommended value = 350 days/365 days = 0.96

10^{-6} = Micrograms to milligrams conversion, liters to cubic meters conversion

Residential cancer risk is calculated by multiplying the daily inhalation dose, by a cancer potency factor, the age sensitivity factor, the frequency of time spent at home and the exposure duration divided by averaging time, to yield the excess cancer risk. As described below, the excess cancer risk is calculated separately for each age grouping and then summed to yield cancer risk for any given location. In this analysis, the exposure age bins from -0.25 years (third trimester pregnancy) and 0 – 2 years are applicable, due to the short-term construction period and the sensitivity of these age groups to cancer risk impacts, compared to sensitivities of the older age bins. The use of these youngest age bins in the cancer risk calculations provides the most conservative cancer risk health impacts. The older age bins (2 – 16 years and 16 – 30 years) were included to calculate cancer risk impacts but were assumed to not be exposed to construction emissions. Specific factors as modeled are shown within the calculations section shown in Attachment B. The worst-case cancer risk calculation is defined in OEHHA Equation 8.2.4A below:

OEHHA Equation 8.2.4A

$$Risk_{inh-res} = Dose_{air} * CPF * ASF * ED/AT * FAH$$

Where:

$Risk_{inh-res}$ = Residential inhalation cancer risk

$Dose_{air}$ = Dose through inhalation (mg/kg/d)

CPF = Inhalation cancer potency factor ($\text{mg}/\text{kg}\cdot\text{day}^{-1}$) – Value for DPM is $1.1 \text{ mg}/\text{kg}\cdot\text{day}^{-1}$ (OEHHA 2020)

ASF = Age sensitivity factor for specified age group (unitless) (OEHHA Table 8.3)

ED = Exposure duration (in years) for a specified age group

AT = Averaging time for lifetime cancer risk (years) – 70 years

FAH = Fraction of time at home (OEHHA 2015, Table 8.4)

OEHHA recommends that an exposure duration (residency time) of 30 years be used to estimate individual cancer risk for the MEIR. For the short-term cancer risk impact calculations, exposure to 16 months of construction DPM was assumed for the youngest age bins, and 30-year resident cancer risk impacts were calculated at the closest residential receptor, which is also a sensitive receptor, in the 55+ residential community just south of the Project site in Table 8. This is the most conservative cancer risk impact calculation, as described above. It was assumed that young children could be living in the 55+ community during Project construction.

Non-cancer Chronic Risk:

The non-cancer chronic risk health hazard index (HHI) is calculated using the OEHHA equation shown below:

$$\text{Chronic Health Hazard Index} = \text{Annual Average Concentration (mg/m}^3\text{)} / \text{Chronic REL (mg/m}^3\text{)}$$

The chronic Reference Exposure Level (REL) value for DPM is 5 $\mu\text{g/m}^3$.

Non-cancer Acute Risk:

The non-cancer acute risk health hazard index (HHI) is calculated using the OEHHA equation shown below:

$$\text{Acute Health Hazard Index} = \text{1-Hour Max. Concentration (}\mu\text{g/m}^3\text{)} / \text{Acute REL (}\mu\text{g/m}^3\text{)}$$

The acute RELs for each component of DPM exhaust are listed in Table 7.

TABLE 7	
NON-CANCER ACUTE RISK REL VALUES FOR DPM COMPONENTS	
DPM Component	Acute Risk REL ($\mu\text{g/m}^3$)
Arsenic	2.00E-01
Copper	1.00E+02
Mercury	6.00E-01
Nickel	2.00E-01
1,3-Butadiene	6.60E+02
Acetaldehyde	4.70E+02
Acrolein	*
Benzene	2.70E+01
Formaldehyde	5.50E+01
Hydrochloric acid	2.10E+03
Toluene	5.00E+03
Xylenes (mixed)	2.20E+04

** ARB Policy is to exclude acrolein from risk management decisions, based upon Method 430 source test emission factors

HRA Results

Table 8 shows the Resident 30-year cancer risk, and non-cancer chronic and acute risk impacts at the Maximally Exposed Individual (MEI) for sensitive receptors in the vicinity of the Project site. The risk results are compared to the significance thresholds provided in Table 1.

TABLE 8 CAMBRIDGE SCHOOL: SCREENING HRA RESULTS DPM DUE TO CONSTRUCTION					
Risk Type	Receptor Type	UTM Location (m)	Risk Results	Significance Threshold	Exceeds Threshold?
Cancer Risk	Resident	487903.00, 3653530.20	0.77 in one million	10 in one million	No
Chronic Risk	Resident	487903.00, 3653530.20	0.0008	1.0 HHI	No
Acute Risk	Resident	487903.00, 3653530.20	0.006	1.0 HHI	No

As shown in Table 8, the health risk impacts from Construction DPM would be well below the City's/SDAPCD's CEQA significance thresholds. Attachment B also shows impacts to additional sensitive receptors, the Kids' Care Club and Maranatha Christian School, to be below the significance thresholds. Therefore, the Project's health risk impacts at the nearest sensitive receptors, will be **less than significant**. HRA risk calculations and AERMOD HRA modeling files included as electronic attachments are shown in Attachment B.

Health Impacts of Carbon Monoxide

Based on the City's Significance Determination Thresholds, an institutional project has potential to result in a CO hotspot that could create health concerns if it would generate traffic equivalent to 950 single-family units (9,500 average daily trips (ADT)) or cause a roadway to deteriorate to LOS E or worse. If a proposed project is within 400 feet of a sensitive receptor and the operating Level of Service (LOS) is worse than D, a site-specific CO hotspot analysis should be performed to determine if health standards are potentially exceeded and to determine the level of adverse effect on the receptors.

The nearest sensitive receptor to the Project is the 55+ single-family residential community that is immediately south of the Project site. According to the traffic study by LOS Engineering, the Project would generate up to 2,181 ADT which would not exceed 9,500 ADT and is not anticipated to result in a CO hotspot.

The 2021 Black Mountain Ranch Subarea Plan designates LOS of A, B, and C to the roadways adjacent to the Project site¹⁰. The Project is located in an area that is not near any LOS D, E or F intersections. Thus, the Project is not anticipated to result in a CO hotspot. Overall, the Project CO Hotspots impact would be **less than significant** under CEQA.

Impact 5. Would the Project create objectionable odors affecting a substantial number of people?

Section 41700 of the California Health and Safety Code and SDAPCD Rule 51 (Public Nuisance) prohibit emissions from any source whatsoever in such quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to the public health or damage to property. Projects required to obtain permits from SDAPCD are evaluated by SDAPCD staff for potential odor nuisance, and conditions may be applied (or control equipment required) where necessary to prevent occurrence of public nuisance.

SDAPCD Rule 51 also prohibits emissions of any material that causes nuisance to a considerable number of persons or endangers the comfort, health, or safety of any person. A project that proposes a use that would produce objectionable odors would be deemed to have a significant odor impact if it would affect a considerable number of off-site receptors. Odor issues are very subjective by the nature of odors themselves and due to the fact that their measurements are difficult to quantify. As a result, this guideline is qualitative and will focus on the existing and potential surrounding uses and location of sensitive receptors.

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, cause distress among the public, and generate citizen complaints.

Construction

Odors would be potentially generated from vehicles and equipment exhaust emissions during construction of the Project. Potential odors produced during proposed construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and 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 **less than significant**.

¹⁰ *Black Mountain Ranch Subarea Plan*. City of San Diego. Amended September 2021.
https://www.sandiego.gov/sites/default/files/bmr_subarea_plan_2021.pdf

Operation

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 does not include any of these uses. Therefore, Project operations would result in an odor impact that would be **less than significant**.

Impact 6. Would the Project release substantial quantities of air contaminants beyond the boundaries of the premises upon which the stationary source emitting the contaminants is located?

No stationary sources are proposed by the Project. As demonstrated in the analysis under Impacts #2, #3 and #4 above, the Project would be well below the City's / SDAPCD's significance thresholds for criteria pollutants and for health risk impacts on sensitive receptors outside the boundaries of the school's fenceline. Therefore, Project construction and operations would release quantities of air contaminants that would be **less than significant**.

CONCLUSIONS

The Project would be consistent with the RAQS and SIP and would not result in a cumulatively considerable net increase of any criteria pollutant. The air quality assessment for the Cambridge School, presented in this analysis, demonstrates that Project short-term emissions from construction of the Project are below the applicable City of San Diego daily and annual thresholds of significance. Additionally, both Project short-term and long-term emissions from operational sources are below the applicable City of San Diego daily and annual thresholds of significance. The Project would not create objectionable odors affecting a substantial number of people. Therefore, air quality emissions impacts from Project construction and operation will be **less than significant**.

The screening HRA for the DPM impacts from construction of The Cambridge School demonstrates that short-term construction DPM health risk impacts at nearby sensitive receptors are below all applicable City of San Diego thresholds of significance. Therefore, health risk impacts from Project construction will be **less than significant**.

ATTACHMENT A
CALEEMOD RESULTS

The Cambridge School - Annual Construction - 09/2025 Update Custom Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	The Cambridge School - Annual Construction - 09/2025 Update
Construction Start Date	6/7/2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	3.60
Location	33.0212321102198, -117.12989689656465
County	San Diego
City	San Diego
Air District	San Diego County APCD
Air Basin	San Diego
TAZ	6910
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	San Diego Gas & Electric
App Version	2022.1.1.30

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
Elementary School	183	1000sqft	6.52	182,868	35,275	35,275	—	—
Elementary School	10.9	1000sqft	0.00	10,904	0.00	0.00	—	—

Unenclosed Parking with Elevator	129	1000sqft	0.00	128,843	0.00	0.00	—	—
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1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-34*	Provide Bike Parking
Water	W-4	Require Low-Flow Water Fixtures
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment

* 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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	0.74	4.62	10.5	0.03	0.09	1.48	1.57	0.08	0.36	0.44
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	60.3	1.05	6.32	0.01	0.02	1.15	1.15	0.02	0.27	0.27
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	2.73	1.00	2.88	< 0.005	0.02	0.65	0.65	0.02	0.15	0.15
Annual (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	0.50	0.18	0.53	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—
2027	0.74	4.62	10.5	0.03	0.09	1.48	1.57	0.08	0.36	0.44
2028	0.46	0.44	5.25	< 0.005	0.01	1.15	1.15	0.01	0.27	0.27
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—
2027	0.47	0.62	6.32	0.01	0.02	1.15	1.15	0.02	0.27	0.27
2028	60.3	1.05	4.60	< 0.005	0.02	1.15	1.15	0.01	0.27	0.27
Average Daily	—	—	—	—	—	—	—	—	—	—
2027	0.22	1.00	2.88	< 0.005	0.02	0.51	0.53	0.02	0.12	0.14
2028	2.73	0.27	2.73	< 0.005	< 0.005	0.65	0.65	< 0.005	0.15	0.15
Annual	—	—	—	—	—	—	—	—	—	—
2027	0.04	0.18	0.53	< 0.005	< 0.005	0.09	0.10	< 0.005	0.02	0.03
2028	0.50	0.05	0.50	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03

2.3. Construction Emissions by Year, Mitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—
2027	0.74	4.62	10.5	0.03	0.09	1.48	1.57	0.08	0.36	0.44
2028	0.46	0.44	5.25	< 0.005	0.01	1.15	1.15	0.01	0.27	0.27
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—
2027	0.47	0.62	6.32	0.01	0.02	1.15	1.15	0.02	0.27	0.27
2028	60.3	1.05	4.60	< 0.005	0.02	1.15	1.15	0.01	0.27	0.27

Average Daily	—	—	—	—	—	—	—	—	—	—
2027	0.22	1.00	2.88	< 0.005	0.02	0.51	0.53	0.02	0.12	0.14
2028	2.73	0.27	2.73	< 0.005	< 0.005	0.65	0.65	< 0.005	0.15	0.15
Annual	—	—	—	—	—	—	—	—	—	—
2027	0.04	0.18	0.53	< 0.005	< 0.005	0.09	0.10	< 0.005	0.02	0.03
2028	0.50	0.05	0.50	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03

3. Construction Emissions Details

3.1. Grading (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.21	8.12	0.01	0.04	—	0.04	0.04	—	0.04
Dust From Material Movement	—	—	—	—	—	0.30	0.30	—	0.03	0.03
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	1.07	0.00	0.00	0.22	0.22	0.00	0.05	0.05
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	3.35	1.30	0.02	0.05	0.71	0.76	0.03	0.19	0.23
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005

3.2. Grading (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.19	1.21	8.12	0.01	0.04	—	0.04	0.04	—	0.04

Dust From Material Movement	—	—	—	—	—	0.30	0.30	—	0.03	0.03
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.33	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Dust From Material Movement	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	1.07	0.00	0.00	0.22	0.22	0.00	0.05	0.05
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	3.35	1.30	0.02	0.05	0.71	0.76	0.03	0.19	0.23
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01

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

3.3. Initial Building Construction (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	1.96	2.63	< 0.005	0.07	—	0.07	0.06	—	0.06
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.35	0.47	< 0.005	0.01	—	0.01	0.01	—	0.01
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.48	0.33	5.55	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	0.04	1.60	0.76	0.01	0.02	0.34	0.36	0.02	0.09	0.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05
Vendor	0.01	0.29	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Initial Building Construction (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.22	1.96	2.63	< 0.005	0.07	—	0.07	0.06	—	0.06
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.35	0.47	< 0.005	0.01	—	0.01	0.01	—	0.01
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.06	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.48	0.33	5.55	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	0.04	1.60	0.76	0.01	0.02	0.34	0.36	0.02	0.09	0.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05
Vendor	0.01	0.29	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Lift (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.49	4.88	0.01	0.02	—	0.02	0.02	—	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.49	4.88	0.01	0.02	—	0.02	0.02	—	0.02

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.10	1.64	0.00	0.00	0.34	0.34	0.00	0.08	0.08
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.12	1.44	0.00	0.00	0.34	0.34	0.00	0.08	0.08
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Lift (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.49	4.88	0.01	0.02	—	0.02	0.02	—	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.49	4.88	0.01	0.02	—	0.02	0.02	—	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.10	1.64	0.00	0.00	0.34	0.34	0.00	0.08	0.08
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.12	1.44	0.00	0.00	0.34	0.34	0.00	0.08	0.08

Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Continued Construction (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—

Worker	0.47	0.42	4.88	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.79	0.00	0.00	0.18	0.18	0.00	0.04	0.04
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Continued Construction (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.42	4.88	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.79	0.00	0.00	0.18	0.18	0.00	0.04	0.04
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Continued Construction (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.33	5.25	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.38	4.60	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.20	2.47	0.00	0.00	0.61	0.61	0.00	0.14	0.14
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.45	0.00	0.00	0.11	0.11	0.00	0.03	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Continued Construction (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.33	5.25	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.38	4.60	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.20	2.47	0.00	0.00	0.61	0.61	0.00	0.14	0.14
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.45	0.00	0.00	0.11	0.11	0.00	0.03	0.03
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.36	0.42	< 0.005	0.01	—	0.01	0.01	—	0.01
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.36	0.42	< 0.005	0.01	—	0.01	0.01	—	0.01
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.07	1.16	0.00	0.00	0.25	0.25	0.00	0.06	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.08	1.02	0.00	0.00	0.25	0.25	0.00	0.06	0.06

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.36	0.42	< 0.005	0.01	—	0.01	0.01	—	0.01
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.36	0.42	< 0.005	0.01	—	0.01	0.01	—	0.01
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005

Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.07	1.16	0.00	0.00	0.25	0.25	0.00	0.06	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.08	1.02	0.00	0.00	0.25	0.25	0.00	0.06	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01
Architectural Coatings	59.9	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Architectural Coatings	2.46	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Architectural Coatings	0.45	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.30	0.25	2.99	0.00	0.00	0.74	0.74	0.00	0.17	0.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—

Worker	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01
Architectural Coatings	59.9	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Architectural Coatings	2.46	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005

Architectural Coatings	0.45	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.30	0.25	2.99	0.00	0.00	0.74	0.74	0.00	0.17	0.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

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

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

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—

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

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—
-------	---	---	---	---	---	---	---	---	---	---

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

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
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
Grading	Grading	6/7/2027	6/25/2027	5.00	15.0	—
Initial Building Construction	Building Construction	6/28/2027	9/24/2027	5.00	65.0	—
Building Lift	Building Construction	9/27/2027	10/8/2027	5.00	10.0	—
Continued Construction	Building Construction	10/11/2027	9/27/2028	5.00	253	—
Paving	Paving	9/28/2028	10/30/2028	5.00	23.0	—
Architectural Coating	Architectural Coating	10/31/2028	11/20/2028	5.00	15.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Grading	Scrapers	Diesel	Tier 4 Final	0.20	8.00	179	0.41
Grading	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	354	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	0.50	8.00	84.0	0.37
Initial Building Construction	Forklifts	Diesel	Average	0.17	8.00	82.0	0.20
Initial Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Initial Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	1.00	7.00	84.0	0.37
Initial Building Construction	Welders	Diesel	Average	0.16	8.00	46.0	0.45
Building Lift	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Paving	Rollers	Diesel	Average	0.43	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Grading	Scrapers	Diesel	Tier 4 Final	0.20	8.00	179	0.41
Grading	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	354	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	0.50	8.00	84.0	0.37
Initial Building Construction	Forklifts	Diesel	Average	0.17	8.00	82.0	0.20
Initial Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Initial Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	1.00	7.00	84.0	0.37

Initial Building Construction	Welders	Diesel	Average	0.16	8.00	46.0	0.45
Building Lift	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Paving	Rollers	Diesel	Average	0.43	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Grading	—	—	—	—
Grading	Worker	26.0	12.0	LDA,LDT1,LDT2
Grading	Vendor	0.00	7.63	HHDT,MHDT
Grading	Hauling	38.3	20.0	HHDT
Grading	Onsite truck	0.00	—	HHDT
Initial Building Construction	—	—	—	—
Initial Building Construction	Worker	135	12.0	LDA,LDT1,LDT2
Initial Building Construction	Vendor	52.9	7.63	HHDT,MHDT
Initial Building Construction	Hauling	0.00	20.0	HHDT
Initial Building Construction	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	30.0	12.0	LDA,LDT1,LDT2
Paving	Vendor	0.00	7.63	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	88.0	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	7.63	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT

Architectural Coating	Onsite truck	0.00	—	HHDT
Building Lift	—	—	—	—
Building Lift	Worker	40.0	12.0	LDA,LDT1,LDT2
Building Lift	Vendor	0.20	7.63	HHDT,MHDT
Building Lift	Hauling	0.00	20.0	HHDT
Building Lift	Onsite truck	—	—	HHDT
Continued Construction	—	—	—	—
Continued Construction	Worker	135	12.0	LDA,LDT1,LDT2
Continued Construction	Vendor	0.11	7.63	HHDT,MHDT
Continued Construction	Hauling	0.00	20.0	HHDT
Continued Construction	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Grading	—	—	—	—
Grading	Worker	26.0	12.0	LDA,LDT1,LDT2
Grading	Vendor	0.00	7.63	HHDT,MHDT
Grading	Hauling	38.3	20.0	HHDT
Grading	Onsite truck	0.00	—	HHDT
Initial Building Construction	—	—	—	—
Initial Building Construction	Worker	135	12.0	LDA,LDT1,LDT2
Initial Building Construction	Vendor	52.9	7.63	HHDT,MHDT
Initial Building Construction	Hauling	0.00	20.0	HHDT
Initial Building Construction	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	30.0	12.0	LDA,LDT1,LDT2
Paving	Vendor	0.00	7.63	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT

Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	88.0	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	7.63	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT
Building Lift	—	—	—	—
Building Lift	Worker	40.0	12.0	LDA,LDT1,LDT2
Building Lift	Vendor	0.20	7.63	HHDT,MHDT
Building Lift	Hauling	0.00	20.0	HHDT
Building Lift	Onsite truck	—	—	HHDT
Continued Construction	—	—	—	—
Continued Construction	Worker	135	12.0	LDA,LDT1,LDT2
Continued Construction	Vendor	0.11	7.63	HHDT,MHDT
Continued Construction	Hauling	0.00	20.0	HHDT
Continued Construction	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	290,658	96,886	—

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)
Grading	—	4,600	10.5	0.00	—
Paving	0.00	0.00	0.00	0.00	0.00

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

Land Use	Area Paved (acres)	% Asphalt
Elementary School	0.00	0%
Elementary School	0.00	0%
Unenclosed Parking with Elevator	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00	589	0.03	< 0.005
2028	0.00	589	0.03	< 0.005

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
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

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

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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8. User Changes to Default Data

Screen	Justification
Land Use	As specified in 8/19/2025 CUP submittal
Operations: Vehicle Data	—
Operations: Water and Waste Water	—

Construction: Construction Phases	No demolition or site prep required. Construction schedule per client.
Construction: Off-Road Equipment	Equipment per client; Tier IV equipment specified by client. Fractional equipment used to account for shortened duration of use during phase.
Construction: Trips and VMT	Trip qty adjustments per client. Fractional trips used to account for shortened duration of use during phase (vendor, hauling only).
Construction: Paving	Parking is specified as all concrete

The Cambridge School - Daily and Operational - 09/2025 Update Custom Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	The Cambridge School - Daily and Operational - 09/2025 Update
Construction Start Date	6/7/2027
Operational Year	2029
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	3.60
Location	33.0212321102198, -117.12989689656465
County	San Diego
City	San Diego
Air District	San Diego County APCD
Air Basin	San Diego
TAZ	6910
EDFZ	12
Electric Utility	San Diego Gas & Electric
Gas Utility	San Diego Gas & Electric
App Version	2022.1.1.30

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
Elementary School	183	1000sqft	6.52	182,868	35,275	35,275	—	—

Elementary School	10.9	1000sqft	0.00	10,904	0.00	0.00	—	—
Unenclosed Parking with Elevator	129	1000sqft	0.00	128,843	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

Sector	#	Measure Title
Transportation	T-14*	Provide Electric Vehicle Charging Infrastructure
Transportation	T-34*	Provide Bike Parking
Water	W-4	Require Low-Flow Water Fixtures
Area Sources	LL-1	Replace Gas Powered Landscape Equipment with Zero-Emission Landscape Equipment

* 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.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	0.93	5.48	14.1	0.04	0.13	1.56	1.68	0.12	0.36	0.48
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	60.3	1.05	6.35	0.01	0.03	1.16	1.16	0.03	0.27	0.27
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	2.73	1.32	3.43	< 0.005	0.03	0.66	0.66	0.03	0.15	0.16
Annual (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	0.50	0.24	0.63	< 0.005	0.01	0.12	0.12	< 0.005	0.03	0.03

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—
2027	0.93	5.48	14.1	0.04	0.13	1.56	1.68	0.12	0.36	0.48
2028	0.46	0.92	5.28	< 0.005	0.03	1.16	1.16	0.03	0.27	0.27
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—
2027	0.47	0.67	6.35	0.01	0.02	1.16	1.16	0.02	0.27	0.27
2028	60.3	1.05	4.63	< 0.005	0.03	1.16	1.16	0.03	0.27	0.27
Average Daily	—	—	—	—	—	—	—	—	—	—
2027	0.26	1.32	3.43	< 0.005	0.03	0.52	0.55	0.03	0.12	0.15
2028	2.73	0.33	2.78	< 0.005	< 0.005	0.66	0.66	< 0.005	0.15	0.16
Annual	—	—	—	—	—	—	—	—	—	—
2027	0.05	0.24	0.63	< 0.005	0.01	0.10	0.10	< 0.005	0.02	0.03
2028	0.50	0.06	0.51	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03

2.3. Construction Emissions by Year, Mitigated

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

Year	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—
2027	0.93	5.48	14.1	0.04	0.13	1.56	1.68	0.12	0.36	0.48
2028	0.46	0.92	5.28	< 0.005	0.03	1.16	1.16	0.03	0.27	0.27
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—
2027	0.47	0.67	6.35	0.01	0.02	1.16	1.16	0.02	0.27	0.27
2028	60.3	1.05	4.63	< 0.005	0.03	1.16	1.16	0.03	0.27	0.27

Average Daily	—	—	—	—	—	—	—	—	—	—
2027	0.26	1.32	3.43	< 0.005	0.03	0.52	0.55	0.03	0.12	0.15
2028	2.73	0.33	2.78	< 0.005	< 0.005	0.66	0.66	< 0.005	0.15	0.16
Annual	—	—	—	—	—	—	—	—	—	—
2027	0.05	0.24	0.63	< 0.005	0.01	0.10	0.10	< 0.005	0.02	0.03
2028	0.50	0.06	0.51	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	14.8	6.55	77.9	0.17	0.20	15.3	15.5	0.19	3.87	4.06
Mit.	12.5	6.43	63.9	0.17	0.18	15.3	15.4	0.17	3.87	4.04
% Reduced	16%	2%	18%	—	12%	—	< 0.5%	10%	—	< 0.5%
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	12.3	6.98	59.7	0.16	0.18	15.3	15.4	0.17	3.87	4.04
Mit.	12.3	6.98	59.7	0.16	0.18	15.3	15.4	0.17	3.87	4.04
% Reduced	—	—	—	—	—	—	—	—	—	—
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	11.1	5.22	49.8	0.12	0.16	10.9	11.0	0.15	2.76	2.91
Mit.	10.0	5.16	42.9	0.12	0.14	10.9	11.0	0.14	2.76	2.90
% Reduced	10%	1%	14%	—	8%	—	< 0.5%	6%	—	< 0.5%
Annual (Max)	—	—	—	—	—	—	—	—	—	—
Unmit.	2.03	0.95	9.09	0.02	0.03	1.99	2.01	0.03	0.50	0.53
Mit.	1.83	0.94	7.83	0.02	0.03	1.99	2.01	0.03	0.50	0.53
% Reduced	10%	1%	14%	< 0.5%	8%	—	< 0.5%	6%	—	< 0.5%

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Mobile	8.03	5.61	63.2	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Area	6.70	0.12	14.0	< 0.005	0.02	—	0.02	0.02	—	0.02
Energy	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Water	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—
Refrig.	—	—	—	—	—	—	—	—	—	—
Total	14.8	6.55	77.9	0.17	0.20	15.3	15.5	0.19	3.87	4.06
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Mobile	7.89	6.16	59.0	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Area	4.39	—	—	—	—	—	—	—	—	—
Energy	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Water	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—
Refrig.	—	—	—	—	—	—	—	—	—	—
Total	12.3	6.98	59.7	0.16	0.18	15.3	15.4	0.17	3.87	4.04
Average Daily	—	—	—	—	—	—	—	—	—	—
Mobile	5.57	4.34	42.2	0.11	0.08	10.9	11.0	0.08	2.76	2.84
Area	5.53	0.06	6.92	< 0.005	0.01	—	0.01	0.01	—	0.01
Energy	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Water	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—
Refrig.	—	—	—	—	—	—	—	—	—	—

Total	11.1	5.22	49.8	0.12	0.16	10.9	11.0	0.15	2.76	2.91
Annual	—	—	—	—	—	—	—	—	—	—
Mobile	1.02	0.79	7.70	0.02	0.01	1.99	2.00	0.01	0.50	0.52
Area	1.01	0.01	1.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Energy	0.01	0.15	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01
Water	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—
Refrig.	—	—	—	—	—	—	—	—	—	—
Total	2.03	0.95	9.09	0.02	0.03	1.99	2.01	0.03	0.50	0.53

2.6. Operations Emissions by Sector, Mitigated

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

Sector	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Mobile	8.03	5.61	63.2	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Area	4.39	—	—	—	—	—	—	—	—	—
Energy	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Water	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—
Refrig.	—	—	—	—	—	—	—	—	—	—
Total	12.5	6.43	63.9	0.17	0.18	15.3	15.4	0.17	3.87	4.04
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Mobile	7.89	6.16	59.0	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Area	4.39	—	—	—	—	—	—	—	—	—
Energy	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Water	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—

Refrig.	—	—	—	—	—	—	—	—	—	—
Total	12.3	6.98	59.7	0.16	0.18	15.3	15.4	0.17	3.87	4.04
Average Daily	—	—	—	—	—	—	—	—	—	—
Mobile	5.57	4.34	42.2	0.11	0.08	10.9	11.0	0.08	2.76	2.84
Area	4.39	—	—	—	—	—	—	—	—	—
Energy	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Water	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—
Refrig.	—	—	—	—	—	—	—	—	—	—
Total	10.0	5.16	42.9	0.12	0.14	10.9	11.0	0.14	2.76	2.90
Annual	—	—	—	—	—	—	—	—	—	—
Mobile	1.02	0.79	7.70	0.02	0.01	1.99	2.00	0.01	0.50	0.52
Area	0.80	—	—	—	—	—	—	—	—	—
Energy	0.01	0.15	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01
Water	—	—	—	—	—	—	—	—	—	—
Waste	—	—	—	—	—	—	—	—	—	—
Refrig.	—	—	—	—	—	—	—	—	—	—
Total	1.83	0.94	7.83	0.02	0.03	1.99	2.01	0.03	0.50	0.53

3. Construction Emissions Details

3.1. Grading (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	1.98	11.8	0.02	0.07	—	0.07	0.07	—	0.07

Dust From Material Movement	—	—	—	—	—	0.63	0.63	—	0.07	0.07
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Dust From Material Movement	—	—	—	—	—	0.03	0.03	—	< 0.005	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	1.07	0.00	0.00	0.22	0.22	0.00	0.05	0.05
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	3.35	1.30	0.02	0.05	0.71	0.76	0.03	0.19	0.23
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01

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

3.2. Grading (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.29	1.98	11.8	0.02	0.07	—	0.07	0.07	—	0.07
Dust From Material Movement	—	—	—	—	—	0.63	0.63	—	0.07	0.07
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.08	0.48	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Dust From Material Movement	—	—	—	—	—	0.03	0.03	—	< 0.005	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.09	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Dust From Material Movement	—	—	—	—	—	< 0.005	< 0.005	—	< 0.005	< 0.005

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.06	1.07	0.00	0.00	0.22	0.22	0.00	0.05	0.05
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.06	3.35	1.30	0.02	0.05	0.71	0.76	0.03	0.19	0.23
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.14	0.05	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005

3.3. Initial Building Construction (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.41	3.54	4.85	0.01	0.11	—	0.11	0.10	—	0.10
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.07	0.63	0.86	< 0.005	0.02	—	0.02	0.02	—	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.48	0.33	5.55	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	0.04	1.60	0.76	0.01	0.02	0.34	0.36	0.02	0.09	0.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05
Vendor	0.01	0.29	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.4. Initial Building Construction (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.41	3.54	4.85	0.01	0.11	—	0.11	0.10	—	0.10
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.07	0.63	0.86	< 0.005	0.02	—	0.02	0.02	—	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.12	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.48	0.33	5.55	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	0.04	1.60	0.76	0.01	0.02	0.34	0.36	0.02	0.09	0.11
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.88	0.00	0.00	0.20	0.20	0.00	0.05	0.05
Vendor	0.01	0.29	0.14	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.01	0.16	0.00	0.00	0.04	0.04	0.00	0.01	0.01
Vendor	< 0.005	0.05	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Lift (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.49	4.88	0.01	0.02	—	0.02	0.02	—	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.49	4.88	0.01	0.02	—	0.02	0.02	—	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.10	1.64	0.00	0.00	0.34	0.34	0.00	0.08	0.08
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.12	1.44	0.00	0.00	0.34	0.34	0.00	0.08	0.08

Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Lift (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.49	4.88	0.01	0.02	—	0.02	0.02	—	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.49	4.88	0.01	0.02	—	0.02	0.02	—	0.02
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	0.02	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.10	1.64	0.00	0.00	0.34	0.34	0.00	0.08	0.08
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.14	0.12	1.44	0.00	0.00	0.34	0.34	0.00	0.08	0.08
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Continued Construction (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.42	4.88	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.79	0.00	0.00	0.18	0.18	0.00	0.04	0.04
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Continued Construction (2027) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.47	0.42	4.88	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.07	0.79	0.00	0.00	0.18	0.18	0.00	0.04	0.04
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Continued Construction (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
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Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.33	5.25	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.38	4.60	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.20	2.47	0.00	0.00	0.61	0.61	0.00	0.14	0.14
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.45	0.00	0.00	0.11	0.11	0.00	0.03	0.03
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Continued Construction (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.33	5.25	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.46	0.38	4.60	0.00	0.00	1.15	1.15	0.00	0.27	0.27
Vendor	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.24	0.20	2.47	0.00	0.00	0.61	0.61	0.00	0.14	0.14
Vendor	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.45	0.00	0.00	0.11	0.11	0.00	0.03	0.03
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Paving (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.85	0.99	< 0.005	0.03	—	0.03	0.03	—	0.03
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.85	0.99	< 0.005	0.03	—	0.03	0.03	—	0.03
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Paving	0.00	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.07	1.16	0.00	0.00	0.25	0.25	0.00	0.06	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.08	1.02	0.00	0.00	0.25	0.25	0.00	0.06	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Paving (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.85	0.99	< 0.005	0.03	—	0.03	0.03	—	0.03

Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.85	0.99	< 0.005	0.03	—	0.03	0.03	—	0.03
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.06	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Paving	0.00	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.07	1.16	0.00	0.00	0.25	0.25	0.00	0.06	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.10	0.08	1.02	0.00	0.00	0.25	0.25	0.00	0.06	0.06
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Architectural Coating (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01
Architectural Coatings	59.9	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Architectural Coatings	2.46	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Architectural Coatings	0.45	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.30	0.25	2.99	0.00	0.00	0.74	0.74	0.00	0.17	0.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.14. Architectural Coating (2028) - Mitigated

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

Location	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Onsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.81	1.12	< 0.005	0.02	—	0.02	0.01	—	0.01
Architectural Coatings	59.9	—	—	—	—	—	—	—	—	—

Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.03	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Architectural Coatings	2.46	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
Architectural Coatings	0.45	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Worker	0.30	0.25	2.99	0.00	0.00	0.74	0.74	0.00	0.17	0.17
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.12	0.00	0.00	0.03	0.03	0.00	0.01	0.01
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	8.03	5.61	63.2	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	8.03	5.61	63.2	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	7.89	6.16	59.0	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	7.89	6.16	59.0	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	1.02	0.79	7.70	0.02	0.01	1.99	2.00	0.01	0.50	0.52
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.02	0.79	7.70	0.02	0.01	1.99	2.00	0.01	0.50	0.52

4.1.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	8.03	5.61	63.2	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	8.03	5.61	63.2	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	7.89	6.16	59.0	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	7.89	6.16	59.0	0.16	0.11	15.3	15.4	0.11	3.87	3.98
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	1.02	0.79	7.70	0.02	0.01	1.99	2.00	0.01	0.50	0.52
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	1.02	0.79	7.70	0.02	0.01	1.99	2.00	0.01	0.50	0.52

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—

Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.2.2. Electricity Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00
Total	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00

Total	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	0.01	0.15	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00
Total	0.01	0.15	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01

4.2.4. Natural Gas Emissions By Land Use - Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00
Total	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00
Total	0.05	0.82	0.69	< 0.005	0.06	—	0.06	0.06	—	0.06
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	0.01	0.15	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01

Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00
Total	0.01	0.15	0.13	< 0.005	0.01	—	0.01	0.01	—	0.01

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.15	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.25	—	—	—	—	—	—	—	—	—
Landscape Equipment	2.31	0.12	14.0	< 0.005	0.02	—	0.02	0.02	—	0.02
Total	6.70	0.12	14.0	< 0.005	0.02	—	0.02	0.02	—	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.15	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.25	—	—	—	—	—	—	—	—	—
Total	4.39	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.76	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.04	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.21	0.01	1.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005

Total	1.01	0.01	1.26	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005
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4.3.2. Mitigated

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

Source	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.15	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.25	—	—	—	—	—	—	—	—	—
Total	4.39	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Consumer Products	4.15	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.25	—	—	—	—	—	—	—	—	—
Total	4.39	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.76	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.04	—	—	—	—	—	—	—	—	—
Total	0.80	—	—	—	—	—	—	—	—	—

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
----------	-----	-----	----	-----	-------	-------	-------	--------	--------	--------

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.4.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—

Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.5.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Unenclosed Parking with Elevator	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Elementary School	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.6.2. Mitigated

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
----------	-----	-----	----	-----	-------	-------	-------	--------	--------	--------

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

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.7.2. Mitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.8.2. Mitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.9.2. Mitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—
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4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

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

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—

4.10.4. Soil Carbon Accumulation By Vegetation Type - Mitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

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

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

Land Use	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—

4.10.6. Avoided and Sequestered Emissions by Species - Mitigated

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

Species	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T
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
Grading	Grading	6/7/2027	6/25/2027	5.00	15.0	—
Initial Building Construction	Building Construction	6/28/2027	9/24/2027	5.00	65.0	—
Building Lift	Building Construction	9/27/2027	10/8/2027	5.00	10.0	—
Continued Construction	Building Construction	10/11/2027	9/27/2028	5.00	253	—
Paving	Paving	9/28/2028	10/30/2028	5.00	23.0	—
Architectural Coating	Architectural Coating	10/31/2028	11/20/2028	5.00	15.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Grading	Scrapers	Diesel	Tier 4 Final	1.00	8.00	179	0.41
Grading	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	354	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	1.00	8.00	84.0	0.37
Initial Building Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Initial Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Initial Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	1.00	7.00	84.0	0.37
Initial Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Lift	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Paving	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Grading	Scrapers	Diesel	Tier 4 Final	1.00	8.00	179	0.41
Grading	Crawler Tractors	Diesel	Tier 4 Final	1.00	8.00	354	0.40
Grading	Tractors/Loaders/Back hoes	Diesel	Average	1.00	8.00	84.0	0.37
Initial Building Construction	Forklifts	Diesel	Average	1.00	8.00	82.0	0.20
Initial Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Initial Building Construction	Tractors/Loaders/Back hoes	Diesel	Average	1.00	7.00	84.0	0.37
Initial Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Building Lift	Cranes	Diesel	Tier 4 Final	1.00	8.00	367	0.29
Paving	Rollers	Diesel	Average	1.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Grading	—	—	—	—
Grading	Worker	26.0	12.0	LDA,LDT1,LDT2
Grading	Vendor	0.00	7.63	HHDT,MHDT
Grading	Hauling	38.3	20.0	HHDT
Grading	Onsite truck	0.00	—	HHDT
Initial Building Construction	—	—	—	—
Initial Building Construction	Worker	135	12.0	LDA,LDT1,LDT2
Initial Building Construction	Vendor	52.9	7.63	HHDT,MHDT
Initial Building Construction	Hauling	0.00	20.0	HHDT

Initial Building Construction	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	30.0	12.0	LDA,LDT1,LDT2
Paving	Vendor	0.00	7.63	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	88.0	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	7.63	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT
Building Lift	—	—	—	—
Building Lift	Worker	40.0	12.0	LDA,LDT1,LDT2
Building Lift	Vendor	2.00	7.63	HHDT,MHDT
Building Lift	Hauling	0.00	20.0	HHDT
Building Lift	Onsite truck	—	—	HHDT
Continued Construction	—	—	—	—
Continued Construction	Worker	135	12.0	LDA,LDT1,LDT2
Continued Construction	Vendor	2.00	7.63	HHDT,MHDT
Continued Construction	Hauling	0.00	20.0	HHDT
Continued Construction	Onsite truck	0.00	—	HHDT

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Grading	—	—	—	—
Grading	Worker	26.0	12.0	LDA,LDT1,LDT2
Grading	Vendor	0.00	7.63	HHDT,MHDT
Grading	Hauling	38.3	20.0	HHDT

Grading	Onsite truck	0.00	—	HHDT
Initial Building Construction	—	—	—	—
Initial Building Construction	Worker	135	12.0	LDA,LDT1,LDT2
Initial Building Construction	Vendor	52.9	7.63	HHDT,MHDT
Initial Building Construction	Hauling	0.00	20.0	HHDT
Initial Building Construction	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	30.0	12.0	LDA,LDT1,LDT2
Paving	Vendor	0.00	7.63	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	88.0	12.0	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	7.63	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT
Building Lift	—	—	—	—
Building Lift	Worker	40.0	12.0	LDA,LDT1,LDT2
Building Lift	Vendor	2.00	7.63	HHDT,MHDT
Building Lift	Hauling	0.00	20.0	HHDT
Building Lift	Onsite truck	—	—	HHDT
Continued Construction	—	—	—	—
Continued Construction	Worker	135	12.0	LDA,LDT1,LDT2
Continued Construction	Vendor	2.00	7.63	HHDT,MHDT
Continued Construction	Hauling	0.00	20.0	HHDT
Continued Construction	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	290,658	96,886	—

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)
Grading	—	4,600	22.5	0.00	—
Paving	0.00	0.00	0.00	0.00	0.00

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

Land Use	Area Paved (acres)	% Asphalt
Elementary School	0.00	0%
Elementary School	0.00	0%
Unenclosed Parking with Elevator	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00	589	0.03	< 0.005
2028	0.00	589	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VM/Weekday	VM/Saturday	VM/Sunday	VM/Year
Elementary School	2,181	0.00	0.00	568,635	21,621	0.00	0.00	5,636,929
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.9.2. Mitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VM/Weekday	VM/Saturday	VM/Sunday	VM/Year
Elementary School	2,181	0.00	0.00	568,635	21,621	0.00	0.00	5,636,929
Elementary School	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Unenclosed Parking with Elevator	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.1.2. Mitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	290,658	96,886	—

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.10.4. Landscape Equipment - Mitigated

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

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)
Elementary School	1,233,616	45.1	0.0330	0.0040	2,880,043
Elementary School	73,558	45.1	0.0330	0.0040	171,730
Unenclosed Parking with Elevator	363,080	45.1	0.0330	0.0040	0.00

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)
Elementary School	1,233,616	45.1	0.0330	0.0040	2,880,043
Elementary School	73,558	45.1	0.0330	0.0040	171,730
Unenclosed Parking with Elevator	363,080	45.1	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Elementary School	5,302,608	456,991
Elementary School	316,182	0.00
Unenclosed Parking with Elevator	0.00	0.00

5.12.2. Mitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Elementary School	4,753,258	456,991
Elementary School	283,426	0.00
Unenclosed Parking with Elevator	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Elementary School	238	—
Elementary School	14.2	—
Unenclosed Parking with Elevator	0.00	—

5.13.2. Mitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Elementary School	238	—
Elementary School	14.2	—
Unenclosed Parking with Elevator	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.14.2. Mitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0
Elementary School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
Elementary School	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
Elementary School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00
Elementary School	Walk-in refrigerators and freezers	R-404A	3,922	< 0.005	7.50	7.50	20.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.15.2. Mitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
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5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
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5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)
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5.17. User Defined

Equipment Type	Fuel Type
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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
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5.18.1.2. Mitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres
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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.1.2. Mitigated

Biomass Cover Type	Initial Acres	Final Acres
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5.18.2. Sequestration

5.18.2.1. Unmitigated

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

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)
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8. User Changes to Default Data

Screen	Justification
Land Use	As specified in 8/19/2025 CUP submittal
Operations: Vehicle Data	2,181 trips/school day as specified by LOS Engineering 7/2/24
Operations: Water and Waste Water	Landscape water use from CUP 8/19/2025
Construction: Construction Phases	No demolition or site prep required. Construction schedule per client.
Construction: Off-Road Equipment	Equipment per client; Tier IV equipment specified by client.
Construction: Trips and VMT	Trip qty adjustments per client.
Construction: Paving	Parking is specified as all concrete

ATTACHMENT B

HRA RISK CALCULATIONS AND

AERMOD MODELING FILES

(Provided Electronically)

The Cambridge School

0 Templeton St., San Diego, CA

Screening Health Risk Assessment Results

Construction Year 2027

September 19, 2025

Construction Diesel Particulate Matter

Risk Type	Receptor Type	Risk Results	Threshold	Exceed?
Maximum Individual Cancer Risk	Resident	7.69E-07	1.00E-05	NO
	Sensitive #1	8.64E-09		NO
	Sensitive #2	8.10E-09		NO
Chronic Hazard Index	Resident	0.0008	1.0	NO
	Sensitive #1	0.000009		NO
	Sensitive #2	0.000008		NO
Acute Hazard Index	Resident	0.006	1.0	NO
	Sensitive #1	0.001		NO
	Sensitive #2	0.002		NO

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AERMOD Run Name (Cancer/Chronic Risk): Cambridge School HRA 061124.isc
AERMOD Run Name (Acute Risk): Cambridge School HRA HOURLY 061124.isc

Data Inputs	Value	Units	Reference
Source Type	VOLUME	--	Series of 20m-volume sources over construction area
Source ID	VOL1-VOL54	--	
Number of sources	54.0		
Emission Rate	1.00E+00	q/sec-m ²	1 g/sec for each volume source
Release Height	5.0	m	SCAQMD Localized Significance Threshold Methodology (July 2008)
Initial Vertical Dimension	1.4	m	SCAQMD Localized Significance Threshold Methodology (July 2008)
Meteorological Data	Escondido (ESC)	--	Version 19191
Terrain	2010-2012		
Urban/Rural	Flat	--	
Hours of Operation	Rural	--	
	8 AM - 4 PM	--	

AERMOD Modeling Results

Equation Inputs	Abbreviation	Units	Resident*	Sensitive Receptor #1	Sensitive Receptor #2	Reference
Combined Exposure Factor	CEF	Unitless	174.3	174.3	174.3	Calculated in tables below.
Dispersion Coefficient, annual average	X/Q	(µg/m ³)/(g/sec)	39.4	0.44	0.42	Estimated from AERMOD, Annual Average
UTM Location of annual avg. PMI	--	m	Rec. #198 487903.00, 3653530.20	Rec # 2 489254.83, 3653529.17	Rec # 1 487228.91, 3653869.22	Resident location: 16750 Coyote Bush Drive Sensitive Rec. #1 location: Kids' Care Club, 10414 Craftsman Way Sensitive Rec. #2 location: Maranatha Christian School, 9050 Maranatha Drive
Dispersion Coefficient, 1-hr	X/Q	(µg/m ³)/(g/sec)	270.6	42.06	74.56	Estimated from AERMOD, 1-hr
UTM Location of 1-hr PMI	--	m	Rec. #198 487903.00, 3653530.20	Rec # 2 489254.83, 3653529.17	Rec # 1 487228.91, 3653869.22	Resident location: 16750 Coyote Bush Drive Sensitive Rec. #1 location: Kids' Care Club, 10414 Craftsman Way Sensitive Rec. #2 location: Maranatha Christian School, 9050 Maranatha Drive

*Resident is in a 55+ community, but child breathing rates and age sensitivity factors were used in health risk calculations to be conservative.

Cancer Risk Due to DPM in Construction Areas

Maximum Individual Cancer Risk

$$MICR_R = CP \times Q_{DPM-30yrs} \times X/Q \times MWAFF \times CEF_R \times MP_R \times 10^{-6}$$

Abbreviation	Units	DPM
Maximum Annual TAC Emission Rate Over 30 yrs	Q _{DPM-30yrs}	g/sec
Multipathway Factor - Resident	MP _R	unitless
Molecular Weight Adjustment Factor	MWAF	unitless
Cancer Potency Factor	CP	(mg/kg-day) ⁻¹
	Cancer Risk Threshold	1.0E-05
MICR (Resident)	MICR	unitless
	Exceed Threshold?	NO
MICR (Sensitive Receptor #1)	MICR	unitless
	Exceed Threshold?	NO
MICR (Sensitive Receptor #2)	MICR	unitless
	Exceed Threshold?	NO

Chronic Risk Due to DPM in the Construction Area

Chronic Hazard Index Calculation

$$HIC = Q_{DPM} \times X/Q \times MP \times MWAFF / REL$$

Abbreviation	Units	DPM
Maximum Annual TAC Emission Rate	Q _{DPM}	g/sec
Multipathway Factor - Resident	MP _R	unitless
Molecular Weight Adjustment Factor	MWAF	unitless
Chronic REL	REL	µg/m ³
	Chronic Risk Threshold	1.0
Chronic Risk (Resident)	MICR	unitless
	Exceed Threshold?	NO
Chronic Risk (Sensitive Receptor #1)	MICR	unitless
	Exceed Threshold?	NO
Chronic Risk (Sensitive Receptor #2)	MICR	unitless
	Exceed Threshold?	NO

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Acute Risk Due to Diesel Exhaust in the Construction Area

Acute Hazard Index Calculation

HIA = $Q_{1-hr} \times X/Q \times MWA/R$

Pollutant	Target Organs	Molecular Weight Adjustment Factor (MWA)	Acute Reference Exposure Level (REL) ($\mu\text{g}/\text{m}^3$)	TAC Maximum 1-hr Emissions (Q_{1-hr}) (g/sec)	Resident Acute Risk						
					Acute Risk by Organ						
					Developmental	Cardiovascular	Central Nervous System	Respiratory	Immunity	Eyes	Blood
Arsenic	Dev, CV, CNS	1	2.00E-01	1.05E-06	1.43E-03	1.43E-03	1.43E-03	--	--	--	--
Copper	Resp	1	1.00E+02	2.70E-06	--	--	--	7.31E-06	--	--	--
Mercury	CNS, Dev	1	6.00E-01	1.32E-06	5.94E-04	--	5.94E-04	--	--	--	--
Nickel	Imm	1	2.00E-01	2.57E-06	--	--	--	--	3.48E-03	--	--
1,3-Butadiene	Dev	1	6.60E+02	1.43E-04	5.87E-05	--	--	--	--	--	--
Acetaldehyde	Eye, Resp	1	4.70E+02	5.16E-04	--	--	--	2.97E-04	--	2.97E-04	--
Acrolein	Eye, Resp	1	**	**	**	**	**	**	**	**	**
Benzene	Dev, Imm, Blood	1	2.70E+01	1.23E-04	1.23E-03	--	--	--	1.23E-03	--	1.23E-03
Formaldehyde	Eye	1	5.50E+01	1.14E-03	--	--	--	--	--	5.59E-03	--
Hydrochloric acid	Resp, Eye	1	2.10E+03	1.23E-04	--	--	--	1.58E-05	--	1.58E-05	--
Toluene	Resp, CNS, Eye	1	5.00E+03	6.94E-05	--	--	3.76E-06	3.76E-06	--	3.76E-06	--
Xylenes (mixed)	CNS, Resp Eye	1	2.20E+04	2.79E-05	--	--	3.43E-07	3.43E-07	--	3.43E-07	--
Total Acute Hazard Index					3.31E-03	1.43E-03	2.02E-03	3.24E-04	4.70E-03	5.91E-03	1.23E-03
Acute Hazard Index Threshold					1.0	1.0	1.0	1.0	1.0	1.0	1.0
Exceed Threshold?					NO	NO	NO	NO	NO	NO	NO

Pollutant	Target Organs	Molecular Weight Adjustment Factor (MWA)	Acute Reference Exposure Level (REL) ($\mu\text{g}/\text{m}^3$)	TAC Maximum 1-hr Emissions (Q_{1-hr}) (g/sec)	Sensitive Receptor #1 Acute Risk						
					Acute Risk by Organ						
					Developmental	Cardiovascular	Central Nervous System	Respiratory	Immunity	Eyes	Blood
Arsenic	Dev, CV, CNS	1	2.00E-01	1.05E-06	2.22E-04	2.22E-04	2.22E-04	--	--	--	--
Copper	Resp	1	1.00E+02	2.70E-06	--	--	--	1.14E-06	--	--	--
Mercury	CNS, Dev	1	6.00E-01	1.32E-06	9.23E-05	--	9.23E-05	--	--	--	--
Nickel	Imm	1	2.00E-01	2.57E-06	--	--	--	--	5.40E-04	--	--
1,3-Butadiene	Dev	1	6.60E+02	1.43E-04	9.12E-06	--	--	--	--	--	--
Acetaldehyde	Eye, Resp	1	4.70E+02	5.16E-04	--	--	--	4.62E-05	--	4.62E-05	--
Acrolein	Eye, Resp	1	**	**	**	**	**	**	**	**	**
Benzene	Dev, Imm, Blood	1	2.70E+01	1.23E-04	1.91E-04	--	--	--	1.91E-04	--	1.91E-04
Formaldehyde	Eye	1	5.50E+01	1.14E-03	--	--	--	--	--	8.69E-04	--
Hydrochloric acid	Resp, Eye	1	2.10E+03	1.23E-04	--	--	--	2.46E-06	--	2.46E-06	--
Toluene	Resp, CNS, Eye	1	5.00E+03	6.94E-05	--	--	5.84E-07	5.84E-07	--	5.84E-07	--
Xylenes (mixed)	CNS, Resp Eye	1	2.20E+04	2.79E-05	--	--	5.34E-08	5.34E-08	--	5.34E-08	--
Total Acute Hazard Index					5.14E-04	2.22E-04	3.15E-04	5.04E-05	7.31E-04	9.19E-04	1.91E-04
Acute Hazard Index Threshold					1.0	1.0	1.0	1.0	1.0	1.0	1.0
Exceed Threshold?					NO	NO	NO	NO	NO	NO	NO

Pollutant	Target Organs	Molecular Weight Adjustment Factor (MWA)	Acute Reference Exposure Level (REL) ($\mu\text{g}/\text{m}^3$)	TAC Maximum 1-hr Emissions (Q_{1-hr}) (g/sec)	Sensitive Receptor #2 Acute Risk						
					Acute Risk by Organ						
					Developmental	Cardiovascular	Central Nervous System	Respiratory	Immunity	Eyes	Blood
Arsenic	Dev, CV, CNS	1	2.00E-01	1.05E-06	3.93E-04	3.93E-04	3.93E-04	--	--	--	--
Copper	Resp	1	1.00E+02	2.70E-06	--	--	--	2.01E-06	--	--	--
Mercury	CNS, Dev	1	6.00E-01	1.32E-06	1.64E-04	--	1.64E-04	--	--	--	--
Nickel	Imm	1	2.00E-01	2.57E-06	--	--	--	--	9.58E-04	--	--
1,3-Butadiene	Dev	1	6.60E+02	1.43E-04	1.62E-05	--	--	--	--	--	--
Acetaldehyde	Eye, Resp	1	4.70E+02	5.16E-04	--	--	--	8.18E-05	--	8.18E-05	--
Acrolein	Eye, Resp	1	**	**	**	**	**	**	**	**	**
Benzene	Dev, Imm, Blood	1	2.70E+01	1.23E-04	3.39E-04	--	--	--	3.39E-04	--	3.39E-04
Formaldehyde	Eye	1	5.50E+01	1.14E-03	--	--	--	--	--	1.54E-03	--
Hydrochloric acid	Resp, Eye	1	2.10E+03	1.23E-04	--	--	--	4.36E-06	--	4.36E-06	--
Toluene	Resp, CNS, Eye	1	5.00E+03	6.94E-05	--	--	1.04E-06	1.04E-06	--	1.04E-06	--
Xylenes (mixed)	CNS, Resp Eye	1	2.20E+04	2.79E-05	--	--	9.46E-08	9.46E-08	--	9.46E-08	--
Total Acute Hazard Index					9.12E-04	3.93E-04	5.58E-04	8.93E-05	1.30E-03	1.63E-03	3.39E-04
Acute Hazard Index Threshold					1.0	1.0	1.0	1.0	1.0	1.0	1.0
Exceed Threshold?					NO	NO	NO	NO	NO	NO	NO

**ARB Policy is to exclude acrolein from risk management decisions, based upon Method 430 source test emission factors.

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Combined Exposure Factor (CEF) Calculations (for Cancer Risk):

Inputs	Abbreviation	Units	Resident
Combined Exposure Factor	CEF	Unitless	174.3
Cancer Risk Equation Conversion Factor	--	(mg/ug) x (m³/L)	0.000001

Resident CEF = Combined CEF Calculated (Age Group -0.25 to 30 years old).

Equation:
CEFR = DBR x ASF x ED x FAH x EF/AT

Resident/Sensitive Receptor CEF for 30 Years

Age	Daily Breathing Rate (L/kg-day)	Age Sensitivity Factor	Exposure Duration (years)	Fraction of Time at Home	Exposure Frequency	Averaging Time (years)	Exposure Factor	CEFR
-0.25 to 0	361	10	0.25	1	0.96	70	12.38	174.3
0 to 2	1090	10	1.08	1	0.96	70	161.94	
2 to 16	572	3	0	1	0.96	70	0.00	
16 to 30	261	1	0	0.73	0.96	70	0.00	

Reference: SCAQMD Risk Assessment Procedures for Rules 1401, 1401.1 and 212, Version 8.1, Sept. 1, 2017 for CEF calculation methodology.

Conversions			
Hours to Seconds	--	sec/hr	3600
Pounds to Grams	--	g/lb	453.592

The Cambridge School

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CalEEMod Phase Emissions of Exhaust PM₁₀ (DPM)

Construction Year 2027

September 19, 2025

Reference: CalEEMod Annual and Daily Outputs (Construction) - Cambridge School (9/19/2025)

Source ID	Source Description	Cancer and Chronic Risk Modeling		Acute Modeling	
		Avg. Annual Exhaust PM ₁₀ Emissions in One Year (tpy)	Avg. Annual Exhaust PM ₁₀ Emissions (g/sec)	Max. Daily Exhaust PM ₁₀ Emissions (lb/day)	Max. Hourly Exhaust PM ₁₀ Emissions (g/sec)
VOL1-VOL54	Construction volume sources	0.0035	1.02E-04	0.13	0.0020

Acute Modeling - Speciated Emissions

Component of Diesel Exhaust	Diesel Default TAC Concentration for Acute Risk* (lb/1000gal)	Diesel TAC Acute Ratio (g TAC/g PM ₁₀)	Source Emissions (g/sec)
Arsenic	0.0016	0.0005	1.05E-06
Copper	0.0041	0.0013	2.70E-06
Mercury	0.0020	0.0006	1.32E-06
Nickel	0.0039	0.0013	2.57E-06
1,3-Butadiene	0.2174	0.0699	1.43E-04
Acetaldehyde	0.7833	0.2520	5.16E-04
Acrolein	0.0339	0.0109	**
Benzene	0.1863	0.0599	1.23E-04
Formaldehyde	1.7261	0.5553	1.14E-03
Hydrochloric acid	0.1863	0.0599	1.23E-04
Toluene	0.1054	0.0339	6.94E-05
Xylenes (mixed)	0.0424	0.0136	2.79E-05

*Diesel Default TAC Concentration for Acute Risk (lb/1000gal) from <http://www.vcapcd.org/pubs/Engineering/AirToxics/combem.pdf>

**ARB Policy is to exclude acrolein from risk management decisions, based upon Method 430 source test emission factors.

Conversion Factors:

lbs/ton	2000
g/lb	453.592
sec/hr	3600
hr/yr	8760
hr/day	8
gal Diesel fuel/	
q Diesel PM10	0.70922202

Calculated from OFFROAD2021 for Offroad equipment >100 hp

The Cambridge School

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Diesel Exhaust - Health Risk Toxicity Values

September 19, 2025

Reference: Consolidated Table of OEHHA/ARB Approved Risk Assessment Health Values, Updated October 6, 2023

Pollutant	Cancer Potency Factor (mg/kg-day)⁻¹	Chronic Risk REL (μg/m³)	Acute Risk REL (μg/m³)
Diesel Particulate Matter	1.10E+00	5.00E+00	--
Arsenic	--	--	2.00E-01
Copper	--	--	1.00E+02
Mercury	--	--	6.00E-01
Nickel	--	--	2.00E-01
1,3-Butadiene	--	--	6.60E+02
Acetaldehyde	--	--	4.70E+02
Acrolein	--	--	**
Benzene	--	--	2.70E+01
Formaldehyde	--	--	5.50E+01
Hydrochloric acid	--	--	2.10E+03
Toluene	--	--	5.00E+03
Xylenes (mixed)	--	--	2.20E+04

**ARB Policy is to exclude acrolein from risk management decisions, based upon Method 430 source test emission factors.

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**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/11/2024
** File: C:\Work\cambridge - baranek\modeling\Cambridge School HRA 061124\Cambridge School HRA 061124.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Cambridge School HRA
  MODELOPT DFAULT CONC
  AVERTIME PERIOD
  POLLUTID DPM
  FLAGPOLE 0.00
  RUNORNOT RUN
  ERRORFIL "Cambridge School HRA 061124.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1      VOLUME 487814.069 3653670.839 154.680
LOCATION VOL2      VOLUME 487835.238 3653670.460 153.270
LOCATION VOL3      VOLUME 487855.009 3653670.460 152.480
LOCATION VOL4      VOLUME 487876.143 3653670.460 151.880
LOCATION VOL5      VOLUME 487897.278 3653670.460 151.510
LOCATION VOL6      VOLUME 487918.753 3653670.119 151.160
LOCATION VOL7      VOLUME 487940.910 3653670.119 150.820
LOCATION VOL8      VOLUME 487962.386 3653669.779 150.550
LOCATION VOL9      VOLUME 487983.520 3653669.779 150.550
LOCATION VOL10     VOLUME 487813.883 3653649.208 154.690
LOCATION VOL11     VOLUME 487835.053 3653648.829 153.280
LOCATION VOL12     VOLUME 487854.823 3653648.829 152.480
LOCATION VOL13     VOLUME 487875.958 3653648.829 151.780
LOCATION VOL14     VOLUME 487897.092 3653648.829 151.070
LOCATION VOL15     VOLUME 487918.568 3653648.488 151.000
LOCATION VOL16     VOLUME 487940.725 3653648.488 151.000
LOCATION VOL17     VOLUME 487962.200 3653648.148 151.000
LOCATION VOL18     VOLUME 487983.335 3653648.148 151.000
LOCATION VOL19     VOLUME 487813.883 3653627.733 154.690
LOCATION VOL20     VOLUME 487835.053 3653627.354 153.280
LOCATION VOL21     VOLUME 487854.823 3653627.354 152.480
LOCATION VOL22     VOLUME 487875.958 3653627.354 151.780
LOCATION VOL23     VOLUME 487897.092 3653627.354 151.070
LOCATION VOL24     VOLUME 487918.568 3653627.013 151.000
LOCATION VOL25     VOLUME 487940.725 3653627.013 151.000
LOCATION VOL26     VOLUME 487962.200 3653626.672 151.000
LOCATION VOL27     VOLUME 487983.335 3653626.672 151.000
LOCATION VOL28     VOLUME 487813.883 3653605.576 154.690
LOCATION VOL29     VOLUME 487835.053 3653605.197 153.280
LOCATION VOL30     VOLUME 487854.823 3653605.197 152.480
LOCATION VOL31     VOLUME 487875.958 3653605.197 151.930
LOCATION VOL32     VOLUME 487897.092 3653605.197 151.720
LOCATION VOL33     VOLUME 487918.568 3653604.856 151.710
LOCATION VOL34     VOLUME 487940.725 3653604.856 151.440
LOCATION VOL35     VOLUME 487962.200 3653604.515 151.070
LOCATION VOL36     VOLUME 487983.335 3653604.515 151.580
LOCATION VOL37     VOLUME 487813.542 3653584.441 154.330
LOCATION VOL38     VOLUME 487834.712 3653584.062 152.900
LOCATION VOL39     VOLUME 487854.483 3653584.062 152.500
LOCATION VOL40     VOLUME 487875.617 3653584.062 152.320
LOCATION VOL41     VOLUME 487896.751 3653584.062 152.030
LOCATION VOL42     VOLUME 487918.227 3653583.721 152.000
LOCATION VOL43     VOLUME 487940.384 3653583.721 151.780
LOCATION VOL44     VOLUME 487961.859 3653583.381 151.510
LOCATION VOL45     VOLUME 487982.994 3653583.381 152.210
LOCATION VOL46     VOLUME 487814.622 3653563.364 153.770
LOCATION VOL47     VOLUME 487835.791 3653562.985 152.520
LOCATION VOL48     VOLUME 487855.562 3653562.985 152.800
LOCATION VOL49     VOLUME 487876.697 3653562.985 152.960
LOCATION VOL50     VOLUME 487897.831 3653562.985 152.260
LOCATION VOL51     VOLUME 487918.639 3653563.575 152.170
LOCATION VOL52     VOLUME 487830.167 3653541.975 154.530
LOCATION VOL53     VOLUME 487851.642 3653541.634 154.530
LOCATION VOL54     VOLUME 487842.071 3653521.517 155.970
** Source Parameters **
SRCPARAM VOL1      1.0 5.000 4.651 1.400
SRCPARAM VOL2      1.0 5.000 4.651 1.400
SRCPARAM VOL3      1.0 5.000 4.651 1.400
SRCPARAM VOL4      1.0 5.000 4.651 1.400
SRCPARAM VOL5      1.0 5.000 4.651 1.400
SRCPARAM VOL6      1.0 5.000 4.651 1.400
SRCPARAM VOL7      1.0 5.000 4.651 1.400
SRCPARAM VOL8      1.0 5.000 4.651 1.400
SRCPARAM VOL9      1.0 5.000 4.651 1.400
SRCPARAM VOL10     1.0 5.000 4.651 1.400
SRCPARAM VOL11     1.0 5.000 4.651 1.400
SRCPARAM VOL12     1.0 5.000 4.651 1.400
SRCPARAM VOL13     1.0 5.000 4.651 1.400

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**	Variable	Emissions Type: "By Hour-of-Day (HROFDY)"
**	Variable	Emission Scenario: "Construction Hours"
EMISFACT	VOL1	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL1	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL1	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL1	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL2	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL2	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL2	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL2	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL3	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL3	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL3	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL3	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL4	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL4	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL4	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL4	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL5	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL5	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL5	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL5	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL6	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL6	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL6	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL6	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL7	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL7	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL7	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL7	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL8	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL8	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL8	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL8	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL9	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL9	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL9	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL9	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL10	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL10	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL10	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL10	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL11	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL11	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL11	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL11	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL12	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL12	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL12	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL12	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL13	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL13	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL13	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL13	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL14	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL14	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL14	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT	VOL14	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL15	HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT	VOL15	HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT	VOL15	HROFDY 3.0 3.0 3.0 3.0 0.0 0.0

[illegible]

```

EMISFACT VOL41      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL41      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL42      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL42      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL42      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL42      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL43      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL43      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL43      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL43      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL44      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL44      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL44      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL44      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL45      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT VOL45      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL45      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL46      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL46      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL46      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL46      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL47      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL47      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL47      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL47      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL48      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL48      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL48      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL48      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL49      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL49      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL49      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL49      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL50      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL50      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL50      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL50      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL51      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL51      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL51      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL51      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL52      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL52      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL52      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL52      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL53      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL53      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL53      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL53      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL54      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT VOL54      HROFDY 0.0 0.0 3.0 3.0 3.0 3.0
EMISFACT VOL54      HROFDY 3.0 3.0 3.0 3.0 0.0 0.0
EMISFACT VOL54      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "Cambridge School HRA 061124.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ESC_2010_2012_sigma_v19191.SFC
  PROFFILE ESC_2010_2012_sigma_v19191.PFL
  SURFDATA 53120 2010
  UAIRDATA 3190 2010
  PROFBASE 205.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
** Auto-Generated Plotfiles
  PLOTFILE PERIOD ALL "CAMBRIDGE SCHOOL HRA 061124.AD\PE00GALL.PLT" 31
  SUMMFILE "Cambridge School HRA 061124.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 387 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
MX W403 387 PFLCNV: Turbulence data is being used w/o ADJ_U* option SigA Data

*** SETUP Finishes Successfully ***

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*** AERMET - VERSION 19191 *** *** 12:50:10
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** 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 RURAL Dispersion Only.
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: DPM

**Model Calculates PERIOD Averages Only

**This Run Includes: 54 Source(s); 1 Source Group(s); and 1609 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 54 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: 19191

**Output Options Selected:

- Model Outputs Tables of PERIOD Averages by Receptor
- 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) = 205.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Cambridge School HRA 061124.err

**File for Summary of Results: Cambridge School HRA 061124.sum

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** 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
VOL1	0	0.10000E+01	487814.1	3653670.8	154.7	5.00	4.65	1.40	NO	HROFDY	NO
VOL2	0	0.10000E+01	487835.2	3653670.5	153.3	5.00	4.65	1.40	NO	HROFDY	NO
VOL3	0	0.10000E+01	487855.0	3653670.5	152.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL4	0	0.10000E+01	487876.1	3653670.5	151.9	5.00	4.65	1.40	NO	HROFDY	NO
VOL5	0	0.10000E+01	487897.3	3653670.5	151.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL6	0	0.10000E+01	487918.8	3653670.1	151.2	5.00	4.65	1.40	NO	HROFDY	NO
VOL7	0	0.10000E+01	487940.9	3653670.1	150.8	5.00	4.65	1.40	NO	HROFDY	NO
VOL8	0	0.10000E+01	487962.4	3653669.8	150.6	5.00	4.65	1.40	NO	HROFDY	NO
VOL9	0	0.10000E+01	487983.5	3653669.8	150.6	5.00	4.65	1.40	NO	HROFDY	NO
VOL10	0	0.10000E+01	487813.9	3653649.2	154.7	5.00	4.65	1.40	NO	HROFDY	NO
VOL11	0	0.10000E+01	487835.1	3653648.8	153.3	5.00	4.65	1.40	NO	HROFDY	NO
VOL12	0	0.10000E+01	487854.8	3653648.8	152.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL13	0	0.10000E+01	487876.0	3653648.8	151.8	5.00	4.65	1.40	NO	HROFDY	NO
VOL14	0	0.10000E+01	487897.1	3653648.8	151.1	5.00	4.65	1.40	NO	HROFDY	NO

VOL15	0	0.10000E+01	487918.6	3653648.5	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL16	0	0.10000E+01	487940.7	3653648.5	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL17	0	0.10000E+01	487962.2	3653648.1	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL18	0	0.10000E+01	487983.3	3653648.1	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL19	0	0.10000E+01	487813.9	3653627.7	154.7	5.00	4.65	1.40	NO	HROFDY	NO
VOL20	0	0.10000E+01	487835.1	3653627.4	153.3	5.00	4.65	1.40	NO	HROFDY	NO
VOL21	0	0.10000E+01	487854.8	3653627.4	152.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL22	0	0.10000E+01	487876.0	3653627.4	151.8	5.00	4.65	1.40	NO	HROFDY	NO
VOL23	0	0.10000E+01	487897.1	3653627.4	151.1	5.00	4.65	1.40	NO	HROFDY	NO
VOL24	0	0.10000E+01	487918.6	3653627.0	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL25	0	0.10000E+01	487940.7	3653627.0	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL26	0	0.10000E+01	487962.2	3653626.7	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL27	0	0.10000E+01	487983.3	3653626.7	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL28	0	0.10000E+01	487813.9	3653605.6	154.7	5.00	4.65	1.40	NO	HROFDY	NO
VOL29	0	0.10000E+01	487835.1	3653605.2	153.3	5.00	4.65	1.40	NO	HROFDY	NO
VOL30	0	0.10000E+01	487854.8	3653605.2	152.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL31	0	0.10000E+01	487876.0	3653605.2	151.9	5.00	4.65	1.40	NO	HROFDY	NO
VOL32	0	0.10000E+01	487897.1	3653605.2	151.7	5.00	4.65	1.40	NO	HROFDY	NO
VOL33	0	0.10000E+01	487918.6	3653604.9	151.7	5.00	4.65	1.40	NO	HROFDY	NO
VOL34	0	0.10000E+01	487940.7	3653604.9	151.4	5.00	4.65	1.40	NO	HROFDY	NO
VOL35	0	0.10000E+01	487962.2	3653604.5	151.1	5.00	4.65	1.40	NO	HROFDY	NO
VOL36	0	0.10000E+01	487983.3	3653604.5	151.6	5.00	4.65	1.40	NO	HROFDY	NO
VOL37	0	0.10000E+01	487813.5	3653584.4	154.3	5.00	4.65	1.40	NO	HROFDY	NO
VOL38	0	0.10000E+01	487834.7	3653584.1	152.9	5.00	4.65	1.40	NO	HROFDY	NO
VOL39	0	0.10000E+01	487854.5	3653584.1	152.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL40	0	0.10000E+01	487875.6	3653584.1	152.3	5.00	4.65	1.40	NO	HROFDY	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
VOL41	0	0.10000E+01	487896.8	3653584.1	152.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL42	0	0.10000E+01	487918.2	3653583.7	152.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL43	0	0.10000E+01	487940.4	3653583.7	151.8	5.00	4.65	1.40	NO	HROFDY	NO
VOL44	0	0.10000E+01	487961.9	3653583.4	151.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL45	0	0.10000E+01	487983.0	3653583.4	152.2	5.00	4.65	1.40	NO	HROFDY	NO
VOL46	0	0.10000E+01	487814.6	3653563.4	153.8	5.00	4.65	1.40	NO	HROFDY	NO
VOL47	0	0.10000E+01	487835.8	3653563.0	152.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL48	0	0.10000E+01	487855.6	3653563.0	152.8	5.00	4.65	1.40	NO	HROFDY	NO
VOL49	0	0.10000E+01	487876.7	3653563.0	153.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL50	0	0.10000E+01	487897.8	3653563.0	152.3	5.00	4.65	1.40	NO	HROFDY	NO
VOL51	0	0.10000E+01	487918.6	3653563.6	152.2	5.00	4.65	1.40	NO	HROFDY	NO
VOL52	0	0.10000E+01	487830.2	3653542.0	154.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL53	0	0.10000E+01	487851.6	3653541.6	154.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL54	0	0.10000E+01	487842.1	3653521.5	156.0	5.00	4.65	1.40	NO	HROFDY	NO

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	VOL1 , VOL2 , VOL3 , VOL4 , VOL5 , VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 , VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 , VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , VOL29 , VOL30 , VOL31 , VOL32 , VOL33 , VOL34 , VOL35 , VOL36 , VOL37 , VOL38 , VOL39 , VOL40 , VOL41 , VOL42 , VOL43 , VOL44 , VOL45 , VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 , VOL52 , VOL53 , VOL54 ,

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* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SOURCE ID = VOL1	; SOURCE TYPE = VOLUME :										
1 .00000E+00	2 .00000E+00	3 .00000E+00	4 .00000E+00	5 .00000E+00	6 .00000E+00	7 .00000E+00	8 .00000E+00	9 .00000E+00	10 .00000E+00	11 .00000E+00	12 .00000E+00
13 .30000E+01	14 .30000E+01	15 .30000E+01	16 .30000E+01	17 .30000E+01	18 .30000E+01	19 .30000E+01	20 .30000E+01	21 .30000E+01	22 .30000E+01	23 .30000E+01	24 .30000E+01
SOURCE ID = VOL2	; SOURCE TYPE = VOLUME :										
1 .00000E+00	2 .00000E+00	3 .00000E+00	4 .00000E+00	5 .00000E+00	6 .00000E+00	7 .00000E+00	8 .00000E+00	9 .00000E+00	10 .00000E+00	11 .00000E+00	12 .00000E+00
13 .30000E+01	14 .30000E+01	15 .30000E+01	16 .30000E+01	17 .30000E+01	18 .30000E+01	19 .30000E+01	20 .30000E+01	21 .30000E+01	22 .30000E+01	23 .30000E+01	24 .30000E+01

SOURCE ID = VOL14 : SOURCE TYPE = VOLUME :

SOURCE ID = VOL25		SOURCE TYPE = VOLUME									
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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[illegible]

SOURCE ID = VOL30		SOURCE TYPE = VOLUME									
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

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[illegible]

SOURCE ID = VOL35		SOURCE TYPE = VOLUME									
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** 06/11/24
*** 12:50:10
*** PAGE 12

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HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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SOURCE ID = VOL47          ; SOURCE TYPE = VOLUME :
      1  .00000E+00        2  .00000E+00        3  .00000E+00        4  .00000E+00        5  .00000E+00        6  .00000E+00
```


7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:50:10
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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.30000E+01	10	.30000E+01	11	.30000E+01	12	.30000E+01
13	.30000E+01	14	.30000E+01	15	.30000E+01	16	.30000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:50:10
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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(487228.9, 3653869.2, 137.6, 337.0, 0.0);	(489254.8, 3653529.2, 169.4, 360.0, 0.0);
(488681.3, 3653011.3, 174.0, 174.0, 0.0);	(488212.9, 3652840.7, 166.6, 166.6, 0.0);
(486936.7, 3653359.4, 154.0, 154.0, 0.0);	(487603.0, 3653355.2, 156.8, 166.0, 0.0);
(487628.0, 3653355.2, 161.8, 165.0, 0.0);	(487653.0, 3653355.2, 164.4, 164.4, 0.0);
(487678.0, 3653355.2, 165.0, 165.0, 0.0);	(487703.0, 3653355.2, 165.0, 165.0, 0.0);
(487728.0, 3653355.2, 165.3, 165.3, 0.0);	(487753.0, 3653355.2, 166.0, 166.0, 0.0);
(487778.0, 3653355.2, 166.0, 166.0, 0.0);	(487803.0, 3653355.2, 166.0, 166.0, 0.0);
(487828.0, 3653355.2, 165.4, 165.4, 0.0);	(487853.0, 3653355.2, 165.0, 165.0, 0.0);
(487878.0, 3653355.2, 164.7, 164.7, 0.0);	(487903.0, 3653355.2, 163.9, 163.9, 0.0);
(487928.0, 3653355.2, 163.1, 163.1, 0.0);	(487953.0, 3653355.2, 163.8, 163.8, 0.0);
(487978.0, 3653355.2, 164.0, 164.0, 0.0);	(488003.0, 3653355.2, 164.1, 164.1, 0.0);
(488028.0, 3653355.2, 164.1, 164.1, 0.0);	(488053.0, 3653355.2, 164.1, 164.1, 0.0);
(488078.0, 3653355.2, 164.1, 171.0, 0.0);	(488103.0, 3653355.2, 164.1, 171.0, 0.0);
(488128.0, 3653355.2, 165.4, 169.0, 0.0);	(488153.0, 3653355.2, 167.0, 167.0, 0.0);
(488178.0, 3653355.2, 168.3, 168.3, 0.0);	(488203.0, 3653355.2, 168.9, 168.9, 0.0);
(488228.0, 3653355.2, 168.0, 168.0, 0.0);	(487603.0, 3653380.2, 157.4, 166.0, 0.0);
(487628.0, 3653380.2, 161.8, 165.0, 0.0);	(487653.0, 3653380.2, 164.4, 164.4, 0.0);
(487678.0, 3653380.2, 165.0, 165.0, 0.0);	(487703.0, 3653380.2, 165.0, 165.0, 0.0);
(487728.0, 3653380.2, 165.1, 165.1, 0.0);	(487753.0, 3653380.2, 165.2, 165.2, 0.0);
(487778.0, 3653380.2, 165.2, 165.2, 0.0);	(487803.0, 3653380.2, 165.2, 165.2, 0.0);
(487828.0, 3653380.2, 164.6, 164.6, 0.0);	(487853.0, 3653380.2, 163.8, 163.8, 0.0);
(487878.0, 3653380.2, 163.3, 163.3, 0.0);	(487903.0, 3653380.2, 163.1, 163.1, 0.0);
(487928.0, 3653380.2, 162.2, 162.2, 0.0);	(487953.0, 3653380.2, 162.4, 162.4, 0.0);
(487978.0, 3653380.2, 162.4, 162.4, 0.0);	(488003.0, 3653380.2, 162.4, 162.4, 0.0);
(488028.0, 3653380.2, 162.4, 162.4, 0.0);	(488053.0, 3653380.2, 162.5, 162.5, 0.0);
(488078.0, 3653380.2, 163.2, 163.2, 0.0);	(488103.0, 3653380.2, 163.2, 163.2, 0.0);
(488128.0, 3653380.2, 164.4, 169.0, 0.0);	(488153.0, 3653380.2, 166.8, 169.0, 0.0);
(488178.0, 3653380.2, 168.9, 168.9, 0.0);	(488203.0, 3653380.2, 169.0, 169.0, 0.0);
(488228.0, 3653380.2, 168.8, 168.8, 0.0);	(487603.0, 3653405.2, 159.9, 166.0, 0.0);

(487628.0, 3653405.2, 162.5, 162.5, 0.0);	(487653.0, 3653405.2, 164.5, 164.5, 0.0);
(487678.0, 3653405.2, 165.0, 165.0, 0.0);	(487703.0, 3653405.2, 164.7, 164.7, 0.0);
(487728.0, 3653405.2, 164.2, 164.2, 0.0);	(487753.0, 3653405.2, 163.7, 163.7, 0.0);
(487778.0, 3653405.2, 163.7, 163.7, 0.0);	(487803.0, 3653405.2, 163.7, 163.7, 0.0);
(487828.0, 3653405.2, 163.1, 163.1, 0.0);	(487853.0, 3653405.2, 162.6, 162.6, 0.0);
(487878.0, 3653405.2, 162.2, 162.2, 0.0);	(487903.0, 3653405.2, 161.6, 161.6, 0.0);
(487928.0, 3653405.2, 160.8, 160.8, 0.0);	(487953.0, 3653405.2, 160.7, 160.7, 0.0);
(487978.0, 3653405.2, 161.1, 161.1, 0.0);	(488003.0, 3653405.2, 161.4, 161.4, 0.0);
(488028.0, 3653405.2, 161.4, 161.4, 0.0);	(488053.0, 3653405.2, 161.4, 161.4, 0.0);
(488078.0, 3653405.2, 161.7, 161.7, 0.0);	(488103.0, 3653405.2, 162.2, 162.2, 0.0);
(488128.0, 3653405.2, 163.6, 169.0, 0.0);	(488153.0, 3653405.2, 165.9, 169.0, 0.0);
(488178.0, 3653405.2, 168.1, 168.1, 0.0);	(488203.0, 3653405.2, 169.0, 169.0, 0.0);
(488228.0, 3653405.2, 169.0, 169.0, 0.0);	(487603.0, 3653430.2, 163.0, 165.0, 0.0);
(487628.0, 3653430.2, 163.9, 163.9, 0.0);	(487653.0, 3653430.2, 164.8, 164.8, 0.0);
(487678.0, 3653430.2, 164.7, 164.7, 0.0);	(487703.0, 3653430.2, 164.1, 164.1, 0.0);
(487728.0, 3653430.2, 163.1, 163.1, 0.0);	(487753.0, 3653430.2, 162.1, 162.1, 0.0);

*** AERMOD - VERSION 23132	*** Cambridge School HRA	*** 06/11/24
*** AERMET - VERSION 19191	***	*** 12:50:10
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data		PAGE 17

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

(487778.0, 3653430.2, 162.1, 162.1, 0.0);	(487803.0, 3653430.2, 162.1, 162.1, 0.0);
(487828.0, 3653430.2, 161.7, 161.7, 0.0);	(487853.0, 3653430.2, 161.3, 161.3, 0.0);
(487878.0, 3653430.2, 160.8, 160.8, 0.0);	(487903.0, 3653430.2, 159.9, 159.9, 0.0);
(487928.0, 3653430.2, 159.1, 159.1, 0.0);	(487953.0, 3653430.2, 159.4, 159.4, 0.0);
(487978.0, 3653430.2, 160.2, 160.2, 0.0);	(488003.0, 3653430.2, 160.5, 160.5, 0.0);
(488028.0, 3653430.2, 160.4, 160.4, 0.0);	(488053.0, 3653430.2, 160.1, 160.1, 0.0);
(488078.0, 3653430.2, 160.1, 160.1, 0.0);	(488103.0, 3653430.2, 160.9, 169.0, 0.0);
(488128.0, 3653430.2, 162.6, 169.0, 0.0);	(488153.0, 3653430.2, 164.5, 167.0, 0.0);
(488178.0, 3653430.2, 166.2, 169.0, 0.0);	(488203.0, 3653430.2, 167.7, 167.7, 0.0);
(488228.0, 3653430.2, 168.0, 168.0, 0.0);	(487603.0, 3653455.2, 165.3, 165.3, 0.0);
(487628.0, 3653455.2, 165.3, 165.3, 0.0);	(487653.0, 3653455.2, 165.1, 165.1, 0.0);
(487678.0, 3653455.2, 164.2, 164.2, 0.0);	(487703.0, 3653455.2, 163.0, 163.0, 0.0);
(487728.0, 3653455.2, 161.5, 163.0, 0.0);	(487753.0, 3653455.2, 160.1, 160.1, 0.0);
(487778.0, 3653455.2, 160.4, 160.4, 0.0);	(487803.0, 3653455.2, 160.4, 160.4, 0.0);
(487828.0, 3653455.2, 160.4, 160.4, 0.0);	(487853.0, 3653455.2, 160.1, 160.1, 0.0);
(487878.0, 3653455.2, 159.4, 159.4, 0.0);	(487903.0, 3653455.2, 158.6, 158.6, 0.0);
(487928.0, 3653455.2, 157.7, 157.7, 0.0);	(487953.0, 3653455.2, 158.5, 158.5, 0.0);
(487978.0, 3653455.2, 159.1, 159.1, 0.0);	(488003.0, 3653455.2, 159.4, 159.4, 0.0);
(488028.0, 3653455.2, 159.2, 159.2, 0.0);	(488053.0, 3653455.2, 158.7, 158.7, 0.0);
(488078.0, 3653455.2, 158.7, 158.7, 0.0);	(488103.0, 3653455.2, 159.2, 169.0, 0.0);
(488128.0, 3653455.2, 161.1, 167.0, 0.0);	(488153.0, 3653455.2, 162.7, 169.0, 0.0);
(488178.0, 3653455.2, 164.0, 169.0, 0.0);	(488203.0, 3653455.2, 165.6, 165.6, 0.0);
(488228.0, 3653455.2, 166.6, 166.6, 0.0);	(487603.0, 3653480.2, 166.0, 166.0, 0.0);
(487628.0, 3653480.2, 165.9, 165.9, 0.0);	(487653.0, 3653480.2, 165.1, 165.1, 0.0);
(487678.0, 3653480.2, 163.7, 163.7, 0.0);	(487703.0, 3653480.2, 161.6, 161.6, 0.0);
(487728.0, 3653480.2, 159.4, 163.0, 0.0);	(487753.0, 3653480.2, 158.1, 163.0, 0.0);
(487778.0, 3653480.2, 158.8, 158.8, 0.0);	(487803.0, 3653480.2, 158.9, 158.9, 0.0);
(487828.0, 3653480.2, 158.8, 158.8, 0.0);	(487853.0, 3653480.2, 158.7, 158.7, 0.0);
(487878.0, 3653480.2, 158.4, 158.4, 0.0);	(487903.0, 3653480.2, 157.6, 157.6, 0.0);
(487928.0, 3653480.2, 156.9, 156.9, 0.0);	(487953.0, 3653480.2, 157.6, 157.6, 0.0);
(487978.0, 3653480.2, 157.8, 157.8, 0.0);	(488003.0, 3653480.2, 157.9, 157.9, 0.0);
(488028.0, 3653480.2, 157.9, 157.9, 0.0);	(488053.0, 3653480.2, 157.9, 157.9, 0.0);
(488078.0, 3653480.2, 157.9, 157.9, 0.0);	(488103.0, 3653480.2, 158.0, 163.0, 0.0);
(488128.0, 3653480.2, 159.2, 169.0, 0.0);	(488153.0, 3653480.2, 160.7, 169.0, 0.0);
(488178.0, 3653480.2, 162.4, 162.4, 0.0);	(488203.0, 3653480.2, 164.1, 164.1, 0.0);
(488228.0, 3653480.2, 165.8, 165.8, 0.0);	(487603.0, 3653505.2, 165.9, 165.9, 0.0);
(487628.0, 3653505.2, 165.1, 165.1, 0.0);	(487653.0, 3653505.2, 164.2, 164.2, 0.0);
(487678.0, 3653505.2, 163.4, 163.4, 0.0);	(487703.0, 3653505.2, 161.6, 161.6, 0.0);
(487728.0, 3653505.2, 159.4, 159.4, 0.0);	(487753.0, 3653505.2, 158.0, 158.0, 0.0);
(487778.0, 3653505.2, 158.0, 158.0, 0.0);	(487803.0, 3653505.2, 158.0, 158.0, 0.0);
(487828.0, 3653505.2, 157.4, 157.4, 0.0);	(487853.0, 3653505.2, 157.1, 157.1, 0.0);
(487878.0, 3653505.2, 156.8, 156.8, 0.0);	(487903.0, 3653505.2, 156.1, 156.1, 0.0);
(487928.0, 3653505.2, 156.0, 156.0, 0.0);	(487953.0, 3653505.2, 156.1, 156.1, 0.0);
(487978.0, 3653505.2, 156.7, 156.7, 0.0);	(488003.0, 3653505.2, 157.0, 157.0, 0.0);
(488028.0, 3653505.2, 157.0, 157.0, 0.0);	(488053.0, 3653505.2, 157.0, 157.0, 0.0);

*** AERMOD - VERSION 23132	*** Cambridge School HRA	*** 06/11/24
*** AERMET - VERSION 19191	***	*** 12:50:10
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data		PAGE 18

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

(488078.0, 3653505.2, 157.0, 157.0, 0.0);	(488103.0, 3653505.2, 157.8, 157.8, 0.0);
(488128.0, 3653505.2, 158.6, 158.6, 0.0);	(488153.0, 3653505.2, 159.5, 159.5, 0.0);
(488178.0, 3653505.2, 160.9, 160.9, 0.0);	(488203.0, 3653505.2, 163.3, 163.3, 0.0);
(488228.0, 3653505.2, 164.9, 164.9, 0.0);	(487603.0, 3653530.2, 165.9, 165.9, 0.0);
(487628.0, 3653530.2, 165.0, 165.0, 0.0);	(487653.0, 3653530.2, 164.2, 164.2, 0.0);
(487678.0, 3653530.2, 162.9, 162.9, 0.0);	(487703.0, 3653530.2, 161.2, 161.2, 0.0);
(487728.0, 3653530.2, 159.4, 159.4, 0.0);	(487753.0, 3653530.2, 157.9, 157.9, 0.0);
(487778.0, 3653530.2, 157.2, 157.2, 0.0);	(487803.0, 3653530.2, 155.9, 155.9, 0.0);
(487828.0, 3653530.2, 155.1, 155.1, 0.0);	(487903.0, 3653530.2, 154.4, 154.4, 0.0);
(487928.0, 3653530.2, 154.4, 154.4, 0.0);	(487953.0, 3653530.2, 154.4, 154.4, 0.0);
(487978.0, 3653530.2, 154.5, 154.5, 0.0);	(488003.0, 3653530.2, 155.0, 155.0, 0.0);
(488028.0, 3653530.2, 155.6, 155.6, 0.0);	(488053.0, 3653530.2, 156.3, 156.3, 0.0);
(488078.0, 3653530.2, 157.0, 157.0, 0.0);	(488103.0, 3653530.2, 157.2, 157.2, 0.0);
(488128.0, 3653530.2, 157.3, 157.3, 0.0);	(488153.0, 3653530.2, 157.9, 157.9, 0.0);
(488178.0, 3653530.2, 159.3, 165.0, 0.0);	(488203.0, 3653530.2, 161.7, 161.7, 0.0);
(488228.0, 3653530.2, 164.1, 164.1, 0.0);	(487603.0, 3653555.2, 166.5, 166.5, 0.0);
(487628.0, 3653555.2, 165.7, 165.7, 0.0);	(487653.0, 3653555.2, 164.9, 164.9, 0.0);
(487678.0, 3653555.2, 163.4, 163.4, 0.0);	(487703.0, 3653555.2, 161.4, 161.4, 0.0);
(487728.0, 3653555.2, 159.6, 159.6, 0.0);	(487753.0, 3653555.2, 158.4, 158.4, 0.0);
(487778.0, 3653555.2, 157.1, 157.1, 0.0);	(487803.0, 3653555.2, 154.9, 154.9, 0.0);
(487953.0, 3653555.2, 152.7, 337.0, 0.0);	(487978.0, 3653555.2, 153.1, 337.0, 0.0);
(488003.0, 3653555.2, 153.8, 337.0, 0.0);	(488028.0, 3653555.2, 154.5, 337.0, 0.0);

(488053.0, 3653555.2, 154.8, 337.0, 0.0);	(488078.0, 3653555.2, 155.1, 337.0, 0.0);
(488103.0, 3653555.2, 154.6, 337.0, 0.0);	(488128.0, 3653555.2, 155.2, 337.0, 0.0);
(488153.0, 3653555.2, 156.5, 336.0, 0.0);	(488178.0, 3653555.2, 158.1, 337.0, 0.0);
(488203.0, 3653555.2, 160.2, 336.0, 0.0);	(488228.0, 3653555.2, 163.2, 337.0, 0.0);
(487603.0, 3653580.2, 168.2, 337.0, 0.0);	(487628.0, 3653580.2, 166.6, 337.0, 0.0);
(487653.0, 3653580.2, 165.3, 337.0, 0.0);	(487678.0, 3653580.2, 164.1, 337.0, 0.0);
(487703.0, 3653580.2, 162.1, 337.0, 0.0);	(487728.0, 3653580.2, 160.0, 337.0, 0.0);
(487753.0, 3653580.2, 158.8, 337.0, 0.0);	(487778.0, 3653580.2, 157.1, 337.0, 0.0);
(487803.0, 3653580.2, 155.0, 336.0, 0.0);	(488003.0, 3653580.2, 152.8, 337.0, 0.0);
(488028.0, 3653580.2, 153.1, 337.0, 0.0);	(488053.0, 3653580.2, 153.1, 337.0, 0.0);
(488078.0, 3653580.2, 153.1, 337.0, 0.0);	(488103.0, 3653580.2, 152.6, 337.0, 0.0);
(488128.0, 3653580.2, 153.5, 337.0, 0.0);	(488153.0, 3653580.2, 155.2, 337.0, 0.0);
(488178.0, 3653580.2, 157.2, 337.0, 0.0);	(488203.0, 3653580.2, 159.5, 336.0, 0.0);
(488228.0, 3653580.2, 162.8, 337.0, 0.0);	(487603.0, 3653605.2, 169.7, 337.0, 0.0);
(487628.0, 3653605.2, 167.4, 337.0, 0.0);	(487653.0, 3653605.2, 165.5, 337.0, 0.0);
(487678.0, 3653605.2, 164.0, 337.0, 0.0);	(487703.0, 3653605.2, 162.3, 337.0, 0.0);
(487728.0, 3653605.2, 160.4, 337.0, 0.0);	(487753.0, 3653605.2, 158.8, 337.0, 0.0);
(487778.0, 3653605.2, 157.1, 336.0, 0.0);	(488003.0, 3653605.2, 151.7, 337.0, 0.0);
(488028.0, 3653605.2, 151.7, 337.0, 0.0);	(488053.0, 3653605.2, 151.7, 337.0, 0.0);
(488078.0, 3653605.2, 151.7, 337.0, 0.0);	(488103.0, 3653605.2, 151.9, 337.0, 0.0);
(488128.0, 3653605.2, 152.4, 337.0, 0.0);	(488153.0, 3653605.2, 154.2, 337.0, 0.0);
(488178.0, 3653605.2, 157.0, 337.0, 0.0);	(488203.0, 3653605.2, 159.8, 337.0, 0.0);
(488228.0, 3653605.2, 162.8, 336.0, 0.0);	(487603.0, 3653630.2, 169.6, 337.0, 0.0);

*** AERMOD - VERSION 23132 ***	*** Cambridge School HRA	***	06/11/24
*** AERMET - VERSION 19191 ***	***	***	12:50:10
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(487628.0, 3653630.2, 167.8, 167.8, 0.0);	(487653.0, 3653630.2, 165.6, 168.0, 0.0);
(487678.0, 3653630.2, 163.4, 163.4, 0.0);	(487703.0, 3653630.2, 161.9, 165.0, 0.0);
(487728.0, 3653630.2, 160.7, 160.7, 0.0);	(487753.0, 3653630.2, 158.9, 336.0, 0.0);
(487778.0, 3653630.2, 157.1, 337.0, 0.0);	(488003.0, 3653630.2, 150.9, 337.0, 0.0);
(488028.0, 3653630.2, 150.9, 337.0, 0.0);	(488053.0, 3653630.2, 150.9, 337.0, 0.0);
(488078.0, 3653630.2, 151.0, 337.0, 0.0);	(488103.0, 3653630.2, 151.7, 337.0, 0.0);
(488128.0, 3653630.2, 152.0, 337.0, 0.0);	(488153.0, 3653630.2, 153.8, 337.0, 0.0);
(488178.0, 3653630.2, 157.0, 337.0, 0.0);	(488203.0, 3653630.2, 160.2, 337.0, 0.0);
(488228.0, 3653630.2, 162.6, 337.0, 0.0);	(487603.0, 3653655.2, 168.7, 168.7, 0.0);
(487628.0, 3653655.2, 166.2, 166.2, 0.0);	(487653.0, 3653655.2, 165.2, 165.2, 0.0);
(487678.0, 3653655.2, 164.9, 164.9, 0.0);	(487703.0, 3653655.2, 164.0, 164.0, 0.0);
(487728.0, 3653655.2, 162.1, 163.0, 0.0);	(487753.0, 3653655.2, 159.6, 337.0, 0.0);
(487778.0, 3653655.2, 157.1, 337.0, 0.0);	(488003.0, 3653655.2, 150.6, 337.0, 0.0);
(488028.0, 3653655.2, 150.0, 337.0, 0.0);	(488053.0, 3653655.2, 150.2, 337.0, 0.0);
(488078.0, 3653655.2, 151.0, 337.0, 0.0);	(488103.0, 3653655.2, 151.0, 337.0, 0.0);
(488128.0, 3653655.2, 151.6, 337.0, 0.0);	(488153.0, 3653655.2, 153.4, 337.0, 0.0);
(488178.0, 3653655.2, 156.2, 337.0, 0.0);	(488203.0, 3653655.2, 159.3, 337.0, 0.0);
(488228.0, 3653655.2, 161.0, 337.0, 0.0);	(487603.0, 3653680.2, 165.0, 169.0, 0.0);
(487628.0, 3653680.2, 165.2, 169.0, 0.0);	(487653.0, 3653680.2, 165.0, 165.0, 0.0);
(487678.0, 3653680.2, 165.5, 165.5, 0.0);	(487703.0, 3653680.2, 164.5, 164.5, 0.0);
(487728.0, 3653680.2, 161.9, 337.0, 0.0);	(487753.0, 3653680.2, 158.9, 337.0, 0.0);
(487778.0, 3653680.2, 157.1, 337.0, 0.0);	(488003.0, 3653680.2, 150.1, 337.0, 0.0);
(488028.0, 3653680.2, 150.0, 337.0, 0.0);	(488053.0, 3653680.2, 150.0, 337.0, 0.0);
(488078.0, 3653680.2, 150.2, 337.0, 0.0);	(488103.0, 3653680.2, 150.2, 337.0, 0.0);
(488128.0, 3653680.2, 150.8, 337.0, 0.0);	(488153.0, 3653680.2, 152.6, 337.0, 0.0);
(488178.0, 3653680.2, 155.1, 337.0, 0.0);	(488203.0, 3653680.2, 157.6, 337.0, 0.0);
(488228.0, 3653680.2, 159.3, 337.0, 0.0);	(487603.0, 3653705.2, 164.0, 169.0, 0.0);
(487628.0, 3653705.2, 164.4, 164.4, 0.0);	(487653.0, 3653705.2, 164.9, 164.9, 0.0);
(487678.0, 3653705.2, 164.8, 164.8, 0.0);	(487703.0, 3653705.2, 163.4, 337.0, 0.0);
(487728.0, 3653705.2, 160.9, 337.0, 0.0);	(487753.0, 3653705.2, 158.8, 337.0, 0.0);
(487778.0, 3653705.2, 157.1, 337.0, 0.0);	(488003.0, 3653705.2, 155.4, 337.0, 0.0);
(487828.0, 3653705.2, 153.8, 337.0, 0.0);	(487853.0, 3653705.2, 152.5, 337.0, 0.0);
(487878.0, 3653705.2, 152.0, 337.0, 0.0);	(487903.0, 3653705.2, 151.8, 337.0, 0.0);
(487928.0, 3653705.2, 150.4, 337.0, 0.0);	(487953.0, 3653705.2, 150.1, 337.0, 0.0);
(487978.0, 3653705.2, 149.6, 337.0, 0.0);	(488003.0, 3653705.2, 149.4, 337.0, 0.0);
(488028.0, 3653705.2, 149.4, 337.0, 0.0);	(488053.0, 3653705.2, 149.4, 337.0, 0.0);
(488078.0, 3653705.2, 150.0, 337.0, 0.0);	(488103.0, 3653705.2, 150.0, 337.0, 0.0);
(488128.0, 3653705.2, 150.6, 337.0, 0.0);	(488153.0, 3653705.2, 151.8, 337.0, 0.0);
(488178.0, 3653705.2, 153.4, 337.0, 0.0);	(488203.0, 3653705.2, 155.3, 337.0, 0.0);
(488228.0, 3653705.2, 156.4, 337.0, 0.0);	(487603.0, 3653730.2, 161.9, 337.0, 0.0);
(487628.0, 3653730.2, 163.5, 337.0, 0.0);	(487653.0, 3653730.2, 164.0, 337.0, 0.0);
(487678.0, 3653730.2, 163.4, 337.0, 0.0);	(487703.0, 3653730.2, 161.9, 337.0, 0.0);
(487728.0, 3653730.2, 160.0, 337.0, 0.0);	(487753.0, 3653730.2, 158.3, 337.0, 0.0);
(487778.0, 3653730.2, 156.6, 337.0, 0.0);	(488003.0, 3653730.2, 155.0, 337.0, 0.0);
(487828.0, 3653730.2, 153.6, 337.0, 0.0);	(487853.0, 3653730.2, 152.5, 337.0, 0.0);

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

(487878.0, 3653730.2, 152.0, 337.0, 0.0);	(487903.0, 3653730.2, 151.8, 337.0, 0.0);
(487928.0, 3653730.2, 150.1, 337.0, 0.0);	(487953.0, 3653730.2, 149.3, 337.0, 0.0);
(487978.0, 3653730.2, 148.7, 337.0, 0.0);	(488003.0, 3653730.2, 148.5, 337.0, 0.0);
(488028.0, 3653730.2, 148.5, 337.0, 0.0);	(488053.0, 3653730.2, 148.7, 337.0, 0.0);
(488078.0, 3653730.2, 149.5, 337.0, 0.0);	(488103.0, 3653730.2, 149.9, 337.0, 0.0);
(488128.0, 3653730.2, 150.3, 337.0, 0.0);	(488153.0, 3653730.2, 151.0, 337.0, 0.0);
(488178.0, 3653730.2, 152.0, 337.0, 0.0);	(488203.0, 3653730.2, 153.2, 337.0, 0.0);
(488228.0, 3653730.2, 154.0, 337.0, 0.0);	(487603.0, 3653755.2, 159.1, 337.0, 0.0);
(487628.0, 3653755.2, 162.0, 337.0, 0.0);	(487653.0, 3653755.2, 162.3, 337.0, 0.0);
(487678.0, 3653755.2, 161.8, 337.0, 0.0);	(487703.0, 3653755.2, 160.6, 337.0, 0.0);
(487728.0, 3653755.2, 159.1, 337.0, 0.0);	(487753.0, 3653755.2, 157.5, 337.0, 0.0);
(487778.0, 3653755.2, 156.1, 337.0, 0.0);	(488003.0, 3653755.2, 154.4, 337.0, 0.0);
(487828.0, 3653755.2, 153.4, 337.0, 0.0);	(487853.0, 3653755.2, 152.5, 337.0, 0.0);
(487878.0, 3653755.2, 151.8, 337.0, 0.0);	(487903.0, 3653755.2, 151.2, 337.0, 0.0);
(487928.0, 3653755.2, 149.8, 337.0, 0.0);	(487953.0, 3653755.2, 148.4, 337.0, 0.0);

(487978.0, 3653755.2, 147.6, 337.0, 0.0);	(488003.0, 3653755.2, 147.5, 337.0, 0.0);
(488028.0, 3653755.2, 147.7, 337.0, 0.0);	(488053.0, 3653755.2, 147.8, 337.0, 0.0);
(488078.0, 3653755.2, 148.7, 337.0, 0.0);	(488103.0, 3653755.2, 149.5, 337.0, 0.0);
(488128.0, 3653755.2, 149.7, 337.0, 0.0);	(488153.0, 3653755.2, 150.2, 337.0, 0.0);
(488178.0, 3653755.2, 151.0, 337.0, 0.0);	(488203.0, 3653755.2, 151.8, 337.0, 0.0);
(488228.0, 3653755.2, 152.4, 337.0, 0.0);	(487603.0, 3653780.2, 158.0, 337.0, 0.0);
(487628.0, 3653780.2, 159.6, 337.0, 0.0);	(487653.0, 3653780.2, 160.5, 337.0, 0.0);
(487678.0, 3653780.2, 160.2, 337.0, 0.0);	(487703.0, 3653780.2, 159.4, 337.0, 0.0);
(487728.0, 3653780.2, 158.3, 337.0, 0.0);	(487753.0, 3653780.2, 156.7, 337.0, 0.0);
(487778.0, 3653780.2, 155.8, 337.0, 0.0);	(487803.0, 3653780.2, 154.4, 337.0, 0.0);
(487828.0, 3653780.2, 153.4, 337.0, 0.0);	(487853.0, 3653780.2, 152.5, 337.0, 0.0);
(487878.0, 3653780.2, 151.3, 337.0, 0.0);	(487903.0, 3653780.2, 149.9, 337.0, 0.0);
(487928.0, 3653780.2, 149.0, 337.0, 0.0);	(487953.0, 3653780.2, 148.1, 337.0, 0.0);
(487978.0, 3653780.2, 146.7, 337.0, 0.0);	(488003.0, 3653780.2, 146.4, 337.0, 0.0);
(488028.0, 3653780.2, 146.9, 337.0, 0.0);	(488053.0, 3653780.2, 147.1, 337.0, 0.0);
(488078.0, 3653780.2, 147.8, 337.0, 0.0);	(488103.0, 3653780.2, 148.7, 337.0, 0.0);
(488128.0, 3653780.2, 148.9, 337.0, 0.0);	(488153.0, 3653780.2, 149.3, 337.0, 0.0);
(488178.0, 3653780.2, 150.2, 337.0, 0.0);	(488203.0, 3653780.2, 150.9, 337.0, 0.0);
(488228.0, 3653780.2, 150.9, 337.0, 0.0);	(487603.0, 3653805.2, 156.3, 337.0, 0.0);
(487628.0, 3653805.2, 158.0, 337.0, 0.0);	(487653.0, 3653805.2, 158.9, 337.0, 0.0);
(487678.0, 3653805.2, 159.0, 337.0, 0.0);	(487703.0, 3653805.2, 158.6, 337.0, 0.0);
(487728.0, 3653805.2, 157.5, 337.0, 0.0);	(487753.0, 3653805.2, 155.8, 337.0, 0.0);
(487778.0, 3653805.2, 154.2, 337.0, 0.0);	(487803.0, 3653805.2, 154.0, 337.0, 0.0);
(487828.0, 3653805.2, 153.4, 337.0, 0.0);	(487853.0, 3653805.2, 152.1, 337.0, 0.0);
(487878.0, 3653805.2, 150.7, 337.0, 0.0);	(487903.0, 3653805.2, 149.9, 337.0, 0.0);
(487928.0, 3653805.2, 149.0, 337.0, 0.0);	(487953.0, 3653805.2, 147.4, 337.0, 0.0);
(487978.0, 3653805.2, 146.4, 337.0, 0.0);	(488003.0, 3653805.2, 146.0, 337.0, 0.0);
(488028.0, 3653805.2, 146.3, 337.0, 0.0);	(488053.0, 3653805.2, 147.0, 337.0, 0.0);
(488078.0, 3653805.2, 147.0, 337.0, 0.0);	(488103.0, 3653805.2, 147.8, 337.0, 0.0);
(488128.0, 3653805.2, 148.0, 337.0, 0.0);	(488153.0, 3653805.2, 148.5, 337.0, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(488178.0, 3653805.2, 149.3, 337.0, 0.0);	(488203.0, 3653805.2, 150.0, 337.0, 0.0);
(488228.0, 3653805.2, 150.0, 337.0, 0.0);	(487603.0, 3653830.2, 154.6, 337.0, 0.0);
(487628.0, 3653830.2, 156.3, 337.0, 0.0);	(487653.0, 3653830.2, 157.2, 337.0, 0.0);
(487678.0, 3653830.2, 157.4, 337.0, 0.0);	(487703.0, 3653830.2, 156.9, 337.0, 0.0);
(487728.0, 3653830.2, 156.1, 337.0, 0.0);	(487753.0, 3653830.2, 155.0, 337.0, 0.0);
(487778.0, 3653830.2, 153.3, 337.0, 0.0);	(487803.0, 3653830.2, 152.6, 337.0, 0.0);
(487828.0, 3653830.2, 152.3, 337.0, 0.0);	(487853.0, 3653830.2, 151.7, 337.0, 0.0);
(487878.0, 3653830.2, 150.7, 337.0, 0.0);	(487903.0, 3653830.2, 149.8, 337.0, 0.0);
(487928.0, 3653830.2, 148.3, 337.0, 0.0);	(487953.0, 3653830.2, 147.2, 337.0, 0.0);
(487978.0, 3653830.2, 146.4, 337.0, 0.0);	(488003.0, 3653830.2, 146.0, 337.0, 0.0);
(488028.0, 3653830.2, 146.1, 337.0, 0.0);	(488053.0, 3653830.2, 146.2, 337.0, 0.0);
(488078.0, 3653830.2, 146.2, 337.0, 0.0);	(488103.0, 3653830.2, 147.0, 337.0, 0.0);
(488128.0, 3653830.2, 147.7, 337.0, 0.0);	(488153.0, 3653830.2, 148.1, 337.0, 0.0);
(488178.0, 3653830.2, 148.5, 337.0, 0.0);	(488203.0, 3653830.2, 149.2, 337.0, 0.0);
(488228.0, 3653830.2, 149.2, 337.0, 0.0);	(487603.0, 3653855.2, 153.0, 337.0, 0.0);
(487628.0, 3653855.2, 154.6, 337.0, 0.0);	(487653.0, 3653855.2, 155.0, 337.0, 0.0);
(487678.0, 3653855.2, 155.1, 337.0, 0.0);	(487703.0, 3653855.2, 154.9, 337.0, 0.0);
(487728.0, 3653855.2, 154.4, 337.0, 0.0);	(487753.0, 3653855.2, 153.6, 337.0, 0.0);
(487778.0, 3653855.2, 152.4, 337.0, 0.0);	(487803.0, 3653855.2, 151.6, 337.0, 0.0);
(487828.0, 3653855.2, 151.4, 337.0, 0.0);	(487853.0, 3653855.2, 150.9, 337.0, 0.0);
(487878.0, 3653855.2, 150.1, 337.0, 0.0);	(487903.0, 3653855.2, 149.2, 337.0, 0.0);
(487928.0, 3653855.2, 148.1, 337.0, 0.0);	(487953.0, 3653855.2, 147.2, 337.0, 0.0);
(487978.0, 3653855.2, 146.4, 337.0, 0.0);	(488003.0, 3653855.2, 146.0, 337.0, 0.0);
(488028.0, 3653855.2, 146.0, 337.0, 0.0);	(488053.0, 3653855.2, 146.0, 337.0, 0.0);
(488078.0, 3653855.2, 146.0, 337.0, 0.0);	(488103.0, 3653855.2, 146.3, 337.0, 0.0);
(488128.0, 3653855.2, 147.0, 337.0, 0.0);	(488153.0, 3653855.2, 147.4, 337.0, 0.0);
(488178.0, 3653855.2, 147.5, 337.0, 0.0);	(488203.0, 3653855.2, 147.8, 337.0, 0.0);
(488228.0, 3653855.2, 148.3, 337.0, 0.0);	(487603.0, 3653880.2, 151.2, 337.0, 0.0);
(487628.0, 3653880.2, 152.5, 337.0, 0.0);	(487653.0, 3653880.2, 153.0, 337.0, 0.0);
(487678.0, 3653880.2, 153.1, 337.0, 0.0);	(487703.0, 3653880.2, 153.1, 337.0, 0.0);
(487728.0, 3653880.2, 152.9, 337.0, 0.0);	(487753.0, 3653880.2, 152.4, 337.0, 0.0);
(487778.0, 3653880.2, 151.6, 337.0, 0.0);	(487803.0, 3653880.2, 150.7, 337.0, 0.0);
(487828.0, 3653880.2, 150.5, 337.0, 0.0);	(487853.0, 3653880.2, 150.1, 337.0, 0.0);
(487878.0, 3653880.2, 149.2, 337.0, 0.0);	(487903.0, 3653880.2, 148.5, 337.0, 0.0);
(487928.0, 3653880.2, 148.0, 337.0, 0.0);	(487953.0, 3653880.2, 147.2, 337.0, 0.0);
(487978.0, 3653880.2, 146.4, 337.0, 0.0);	(488003.0, 3653880.2, 146.0, 337.0, 0.0);
(488028.0, 3653880.2, 146.0, 337.0, 0.0);	(488053.0, 3653880.2, 146.0, 337.0, 0.0);
(488078.0, 3653880.2, 146.0, 337.0, 0.0);	(488103.0, 3653880.2, 146.0, 337.0, 0.0);
(488128.0, 3653880.2, 146.3, 337.0, 0.0);	(488153.0, 3653880.2, 146.8, 337.0, 0.0);
(488178.0, 3653880.2, 147.0, 337.0, 0.0);	(488203.0, 3653880.2, 147.1, 337.0, 0.0);
(488228.0, 3653880.2, 147.5, 337.0, 0.0);	(487603.0, 3653905.2, 149.5, 337.0, 0.0);
(487628.0, 3653905.2, 150.4, 337.0, 0.0);	(487653.0, 3653905.2, 151.0, 337.0, 0.0);
(487678.0, 3653905.2, 151.3, 337.0, 0.0);	(487703.0, 3653905.2, 151.4, 337.0, 0.0);
(487728.0, 3653905.2, 151.3, 337.0, 0.0);	(487753.0, 3653905.2, 151.0, 337.0, 0.0);
(487778.0, 3653905.2, 150.4, 337.0, 0.0);	(487803.0, 3653905.2, 149.6, 337.0, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(487828.0, 3653905.2, 149.4, 337.0, 0.0);	(487853.0, 3653905.2, 149.1, 337.0, 0.0);
(487878.0, 3653905.2, 148.4, 337.0, 0.0);	(487903.0, 3653905.2, 147.7, 337.0, 0.0);
(487928.0, 3653905.2, 147.7, 337.0, 0.0);	(487953.0, 3653905.2, 146.9, 337.0, 0.0);
(487978.0, 3653905.2, 146.3, 337.0, 0.0);	(488003.0, 3653905.2, 146.0, 337.0, 0.0);
(488028.0, 3653905.2, 145.9, 337.0, 0.0);	(488053.0, 3653905.2, 145.7, 337.0, 0.0);
(488078.0, 3653905.2, 145.7, 337.0, 0.0);	(488103.0, 3653905.2, 145.9, 337.0, 0.0);
(488128.0, 3653905.2, 146.0, 337.0, 0.0);	(488153.0, 3653905.2, 146.3, 337.0, 0.0);
(488178.0, 3653905.2, 146.7, 337.0, 0.0);	(488203.0, 3653905.2, 146.7, 337.0, 0.0);

(488228.0, 3653905.2, 146.7, 337.0, 0.0);	(487353.0, 3653105.2, 151.4, 153.0, 0.0);
(487403.0, 3653105.2, 146.1, 159.0, 0.0);	(487453.0, 3653105.2, 132.2, 166.0, 0.0);
(487503.0, 3653105.2, 132.1, 170.0, 0.0);	(487553.0, 3653105.2, 140.3, 166.0, 0.0);
(487603.0, 3653105.2, 149.9, 166.0, 0.0);	(487653.0, 3653105.2, 156.4, 164.0, 0.0);
(487703.0, 3653105.2, 161.7, 164.0, 0.0);	(487753.0, 3653105.2, 165.6, 165.6, 0.0);
(487803.0, 3653105.2, 165.2, 165.2, 0.0);	(487853.0, 3653105.2, 164.3, 164.3, 0.0);
(487903.0, 3653105.2, 162.7, 170.0, 0.0);	(487953.0, 3653105.2, 160.8, 171.0, 0.0);
(488003.0, 3653105.2, 161.9, 161.9, 0.0);	(488053.0, 3653105.2, 161.8, 172.0, 0.0);
(488103.0, 3653105.2, 160.5, 172.0, 0.0);	(488153.0, 3653105.2, 157.0, 172.0, 0.0);
(488203.0, 3653105.2, 152.8, 172.0, 0.0);	(488253.0, 3653105.2, 156.1, 156.1, 0.0);
(488303.0, 3653105.2, 158.0, 161.0, 0.0);	(488353.0, 3653105.2, 159.2, 169.0, 0.0);
(488403.0, 3653105.2, 160.2, 169.0, 0.0);	(488453.0, 3653105.2, 163.9, 163.9, 0.0);
(487353.0, 3653155.2, 155.4, 155.4, 0.0);	(487403.0, 3653155.2, 151.4, 155.0, 0.0);
(487453.0, 3653155.2, 138.9, 166.0, 0.0);	(487503.0, 3653155.2, 133.0, 170.0, 0.0);
(487553.0, 3653155.2, 141.0, 166.0, 0.0);	(487603.0, 3653155.2, 142.7, 170.0, 0.0);
(487653.0, 3653155.2, 148.2, 170.0, 0.0);	(487703.0, 3653155.2, 160.3, 166.0, 0.0);
(487753.0, 3653155.2, 165.5, 165.5, 0.0);	(487803.0, 3653155.2, 166.0, 166.0, 0.0);
(487853.0, 3653155.2, 168.3, 168.3, 0.0);	(487903.0, 3653155.2, 167.8, 170.0, 0.0);
(487953.0, 3653155.2, 167.0, 167.0, 0.0);	(488003.0, 3653155.2, 166.9, 166.9, 0.0);
(488053.0, 3653155.2, 166.8, 172.0, 0.0);	(488103.0, 3653155.2, 163.8, 172.0, 0.0);
(488153.0, 3653155.2, 161.4, 171.0, 0.0);	(488203.0, 3653155.2, 157.3, 172.0, 0.0);
(488253.0, 3653155.2, 153.6, 172.0, 0.0);	(488303.0, 3653155.2, 153.6, 161.0, 0.0);
(488353.0, 3653155.2, 155.9, 155.9, 0.0);	(488403.0, 3653155.2, 158.6, 172.0, 0.0);
(488453.0, 3653155.2, 164.5, 170.0, 0.0);	(487353.0, 3653205.2, 157.4, 157.4, 0.0);
(487403.0, 3653205.2, 150.4, 165.0, 0.0);	(487453.0, 3653205.2, 138.8, 166.0, 0.0);
(487503.0, 3653205.2, 136.2, 166.0, 0.0);	(487553.0, 3653205.2, 151.6, 165.0, 0.0);
(487603.0, 3653205.2, 158.6, 158.6, 0.0);	(487653.0, 3653205.2, 155.3, 165.0, 0.0);
(487703.0, 3653205.2, 151.1, 171.0, 0.0);	(487753.0, 3653205.2, 158.9, 169.0, 0.0);
(487803.0, 3653205.2, 165.6, 165.6, 0.0);	(487853.0, 3653205.2, 168.9, 168.9, 0.0);
(487903.0, 3653205.2, 171.0, 171.0, 0.0);	(487953.0, 3653205.2, 170.9, 170.9, 0.0);
(488003.0, 3653205.2, 171.4, 171.4, 0.0);	(488053.0, 3653205.2, 171.8, 171.8, 0.0);
(488103.0, 3653205.2, 168.5, 171.0, 0.0);	(488153.0, 3653205.2, 164.0, 172.0, 0.0);
(488203.0, 3653205.2, 160.7, 172.0, 0.0);	(488253.0, 3653205.2, 157.9, 172.0, 0.0);
(488303.0, 3653205.2, 155.5, 162.0, 0.0);	(488353.0, 3653205.2, 156.2, 168.0, 0.0);
(488403.0, 3653205.2, 159.6, 170.0, 0.0);	(488453.0, 3653205.2, 165.3, 170.0, 0.0);
(487353.0, 3653255.2, 159.2, 162.0, 0.0);	(487403.0, 3653255.2, 150.2, 166.0, 0.0);
(487453.0, 3653255.2, 150.0, 160.0, 0.0);	(487503.0, 3653255.2, 141.1, 166.0, 0.0);

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

(487553.0, 3653255.2, 150.5, 166.0, 0.0);	(487603.0, 3653255.2, 160.2, 160.2, 0.0);
(487653.0, 3653255.2, 163.2, 165.0, 0.0);	(487703.0, 3653255.2, 162.5, 162.5, 0.0);
(487753.0, 3653255.2, 164.0, 164.0, 0.0);	(487803.0, 3653255.2, 166.2, 166.2, 0.0);
(487853.0, 3653255.2, 168.5, 168.5, 0.0);	(487903.0, 3653255.2, 169.4, 169.4, 0.0);
(487953.0, 3653255.2, 170.2, 170.2, 0.0);	(488003.0, 3653255.2, 170.5, 170.5, 0.0);
(488053.0, 3653255.2, 171.4, 171.4, 0.0);	(488103.0, 3653255.2, 171.6, 171.6, 0.0);
(488153.0, 3653255.2, 169.5, 172.0, 0.0);	(488203.0, 3653255.2, 164.7, 172.0, 0.0);
(488253.0, 3653255.2, 161.3, 164.0, 0.0);	(488303.0, 3653255.2, 160.5, 160.5, 0.0);
(488353.0, 3653255.2, 160.1, 160.1, 0.0);	(488403.0, 3653255.2, 162.9, 162.9, 0.0);
(488453.0, 3653255.2, 164.8, 164.8, 0.0);	(487353.0, 3653305.2, 159.9, 159.9, 0.0);
(487403.0, 3653305.2, 157.1, 160.0, 0.0);	(487453.0, 3653305.2, 158.7, 160.0, 0.0);
(487503.0, 3653305.2, 147.3, 166.0, 0.0);	(487553.0, 3653305.2, 151.6, 166.0, 0.0);
(487603.0, 3653305.2, 160.7, 160.7, 0.0);	(487653.0, 3653305.2, 164.8, 164.8, 0.0);
(487703.0, 3653305.2, 165.1, 165.1, 0.0);	(487753.0, 3653305.2, 166.0, 166.0, 0.0);
(487803.0, 3653305.2, 166.0, 166.0, 0.0);	(487853.0, 3653305.2, 166.7, 166.7, 0.0);
(487903.0, 3653305.2, 166.4, 166.4, 0.0);	(487953.0, 3653305.2, 166.4, 166.4, 0.0);
(488003.0, 3653305.2, 167.2, 167.2, 0.0);	(488053.0, 3653305.2, 168.2, 168.2, 0.0);
(488103.0, 3653305.2, 169.9, 171.0, 0.0);	(488153.0, 3653305.2, 170.1, 170.1, 0.0);
(488203.0, 3653305.2, 167.7, 167.7, 0.0);	(488253.0, 3653305.2, 164.6, 164.6, 0.0);
(488303.0, 3653305.2, 164.5, 164.5, 0.0);	(488353.0, 3653305.2, 164.0, 164.0, 0.0);
(488403.0, 3653305.2, 163.5, 163.5, 0.0);	(488453.0, 3653305.2, 162.2, 162.2, 0.0);
(487353.0, 3653355.2, 161.4, 161.4, 0.0);	(487403.0, 3653355.2, 160.0, 160.0, 0.0);
(487453.0, 3653355.2, 159.5, 160.0, 0.0);	(487503.0, 3653355.2, 155.8, 166.0, 0.0);
(487553.0, 3653355.2, 154.6, 166.0, 0.0);	(488253.0, 3653355.2, 167.0, 167.0, 0.0);
(488303.0, 3653355.2, 165.5, 165.5, 0.0);	(488353.0, 3653355.2, 162.9, 162.9, 0.0);
(488403.0, 3653355.2, 161.2, 161.2, 0.0);	(488453.0, 3653355.2, 159.1, 159.1, 0.0);
(487353.0, 3653405.2, 162.1, 162.1, 0.0);	(487403.0, 3653405.2, 161.3, 161.3, 0.0);
(487453.0, 3653405.2, 162.2, 162.2, 0.0);	(487503.0, 3653405.2, 161.5, 163.0, 0.0);
(487553.0, 3653405.2, 162.3, 162.3, 0.0);	(488253.0, 3653405.2, 168.0, 168.0, 0.0);
(488303.0, 3653405.2, 166.5, 166.5, 0.0);	(488353.0, 3653405.2, 163.7, 163.7, 0.0);
(488403.0, 3653405.2, 159.8, 159.8, 0.0);	(488453.0, 3653405.2, 157.7, 157.7, 0.0);
(487353.0, 3653455.2, 160.6, 160.6, 0.0);	(487403.0, 3653455.2, 161.2, 161.2, 0.0);
(487453.0, 3653455.2, 163.1, 163.1, 0.0);	(487503.0, 3653455.2, 164.2, 164.2, 0.0);
(487553.0, 3653455.2, 165.7, 165.7, 0.0);	(488253.0, 3653455.2, 167.0, 167.0, 0.0);
(488303.0, 3653455.2, 165.1, 165.1, 0.0);	(488353.0, 3653455.2, 162.0, 162.0, 0.0);
(488403.0, 3653455.2, 158.4, 158.4, 0.0);	(488453.0, 3653455.2, 157.4, 157.4, 0.0);
(487353.0, 3653505.2, 157.9, 157.9, 0.0);	(487403.0, 3653505.2, 158.5, 158.5, 0.0);
(487453.0, 3653505.2, 161.3, 161.3, 0.0);	(487503.0, 3653505.2, 163.8, 163.8, 0.0);
(487553.0, 3653505.2, 165.0, 165.0, 0.0);	(488253.0, 3653505.2, 166.0, 166.0, 0.0);
(488303.0, 3653505.2, 166.0, 166.0, 0.0);	(488353.0, 3653505.2, 163.6, 164.0, 0.0);
(488403.0, 3653505.2, 158.6, 166.0, 0.0);	(488453.0, 3653505.2, 156.6, 317.0, 0.0);
(487353.0, 3653555.2, 152.5, 158.0, 0.0);	(487403.0, 3653555.2, 156.2, 156.2, 0.0);
(487453.0, 3653555.2, 160.2, 160.2, 0.0);	(487503.0, 3653555.2, 162.7, 162.7, 0.0);
(487553.0, 3653555.2, 165.3, 165.3, 0.0);	(488253.0, 3653555.2, 166.0, 166.0, 0.0);
(488303.0, 3653555.2, 165.9, 165.9, 0.0);	(488353.0, 3653555.2, 163.6, 166.0, 0.0);

*** AERMOD - VERSION 23132	*** Cambridge School HRA	*** 06/11/24
*** AERMET - VERSION 19191	***	*** 12:50:10
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data		PAGE 24

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

(488403.0, 3653555.2, 158.4, 317.0, 0.0);	(488453.0, 3653555.2, 155.9, 336.0, 0.0);
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(487353.0, 3653605.2, 148.9, 160.0, 0.0);	(487403.0, 3653605.2, 155.0, 160.0, 0.0);
(487453.0, 3653605.2, 159.6, 159.6, 0.0);	(487503.0, 3653605.2, 162.3, 170.0, 0.0);
(487553.0, 3653605.2, 166.8, 170.0, 0.0);	(488253.0, 3653605.2, 164.4, 317.0, 0.0);
(488303.0, 3653605.2, 162.5, 336.0, 0.0);	(488353.0, 3653605.2, 159.1, 337.0, 0.0);
(488403.0, 3653605.2, 156.4, 337.0, 0.0);	(488453.0, 3653605.2, 154.2, 337.0, 0.0);
(487353.0, 3653655.2, 147.4, 337.0, 0.0);	(487403.0, 3653655.2, 153.0, 170.0, 0.0);
(487453.0, 3653655.2, 156.4, 170.0, 0.0);	(487503.0, 3653655.2, 160.6, 170.0, 0.0);
(487553.0, 3653655.2, 165.9, 170.0, 0.0);	(488253.0, 3653655.2, 161.1, 337.0, 0.0);
(488303.0, 3653655.2, 159.1, 337.0, 0.0);	(488353.0, 3653655.2, 155.8, 337.0, 0.0);
(488403.0, 3653655.2, 153.2, 337.0, 0.0);	(488453.0, 3653655.2, 152.6, 337.0, 0.0);
(487353.0, 3653705.2, 145.6, 337.0, 0.0);	(487403.0, 3653705.2, 149.6, 337.0, 0.0);
(487453.0, 3653705.2, 153.5, 337.0, 0.0);	(487503.0, 3653705.2, 158.3, 170.0, 0.0);
(487553.0, 3653705.2, 161.8, 170.0, 0.0);	(488253.0, 3653705.2, 156.5, 337.0, 0.0);
(488303.0, 3653705.2, 154.0, 337.0, 0.0);	(488353.0, 3653705.2, 151.3, 337.0, 0.0);
(488403.0, 3653705.2, 150.7, 337.0, 0.0);	(488453.0, 3653705.2, 150.5, 337.0, 0.0);
(487353.0, 3653755.2, 144.3, 337.0, 0.0);	(487403.0, 3653755.2, 147.6, 337.0, 0.0);
(487453.0, 3653755.2, 151.0, 337.0, 0.0);	(487503.0, 3653755.2, 154.0, 337.0, 0.0);
(487553.0, 3653755.2, 156.0, 337.0, 0.0);	(488253.0, 3653755.2, 151.7, 337.0, 0.0);
(488303.0, 3653755.2, 150.6, 337.0, 0.0);	(488353.0, 3653755.2, 149.3, 337.0, 0.0);
(488403.0, 3653755.2, 147.9, 337.0, 0.0);	(488453.0, 3653755.2, 147.1, 337.0, 0.0);
(487353.0, 3653805.2, 142.8, 337.0, 0.0);	(487403.0, 3653805.2, 145.5, 337.0, 0.0);
(487453.0, 3653805.2, 147.1, 337.0, 0.0);	(487503.0, 3653805.2, 148.7, 337.0, 0.0);
(487553.0, 3653805.2, 152.4, 337.0, 0.0);	(488253.0, 3653805.2, 149.1, 337.0, 0.0);
(488303.0, 3653805.2, 148.0, 337.0, 0.0);	(488353.0, 3653805.2, 146.9, 337.0, 0.0);
(488403.0, 3653805.2, 146.0, 337.0, 0.0);	(488453.0, 3653805.2, 146.5, 337.0, 0.0);
(487353.0, 3653855.2, 141.2, 337.0, 0.0);	(487403.0, 3653855.2, 142.8, 337.0, 0.0);
(487453.0, 3653855.2, 144.4, 337.0, 0.0);	(487503.0, 3653855.2, 146.1, 337.0, 0.0);
(487553.0, 3653855.2, 149.6, 337.0, 0.0);	(488253.0, 3653855.2, 147.4, 337.0, 0.0);
(488303.0, 3653855.2, 146.4, 337.0, 0.0);	(488353.0, 3653855.2, 146.0, 337.0, 0.0);
(488403.0, 3653855.2, 146.8, 337.0, 0.0);	(488453.0, 3653855.2, 147.0, 337.0, 0.0);
(487353.0, 3653905.2, 138.4, 337.0, 0.0);	(487403.0, 3653905.2, 140.5, 337.0, 0.0);
(487453.0, 3653905.2, 142.2, 337.0, 0.0);	(487503.0, 3653905.2, 144.5, 337.0, 0.0);
(487553.0, 3653905.2, 147.5, 337.0, 0.0);	(488253.0, 3653905.2, 146.0, 337.0, 0.0);
(488303.0, 3653905.2, 146.0, 337.0, 0.0);	(488353.0, 3653905.2, 146.0, 337.0, 0.0);
(488403.0, 3653905.2, 146.6, 337.0, 0.0);	(488453.0, 3653905.2, 146.7, 337.0, 0.0);
(487353.0, 3653955.2, 136.6, 337.0, 0.0);	(487403.0, 3653955.2, 138.9, 337.0, 0.0);
(487453.0, 3653955.2, 141.2, 337.0, 0.0);	(487503.0, 3653955.2, 143.6, 337.0, 0.0);
(487553.0, 3653955.2, 144.5, 337.0, 0.0);	(487603.0, 3653955.2, 146.2, 337.0, 0.0);
(487653.0, 3653955.2, 147.1, 337.0, 0.0);	(487703.0, 3653955.2, 147.1, 337.0, 0.0);
(487753.0, 3653955.2, 147.1, 337.0, 0.0);	(487803.0, 3653955.2, 147.8, 337.0, 0.0);
(487853.0, 3653955.2, 147.0, 337.0, 0.0);	(487903.0, 3653955.2, 146.0, 337.0, 0.0);
(487953.0, 3653955.2, 146.0, 337.0, 0.0);	(488003.0, 3653955.2, 146.0, 337.0, 0.0);
(488053.0, 3653955.2, 145.0, 337.0, 0.0);	(488103.0, 3653955.2, 145.8, 337.0, 0.0);
(488153.0, 3653955.2, 146.0, 337.0, 0.0);	(488203.0, 3653955.2, 145.0, 337.0, 0.0);

*** AERMOD - VERSION 23132	*** Cambridge School HRA	*** 06/11/24
*** AERMET - VERSION 19191	***	*** 12:50:10
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data		*** PAGE 25

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

(488253.0, 3653955.2, 145.0, 337.0, 0.0);	(488303.0, 3653955.2, 146.0, 337.0, 0.0);
(488353.0, 3653955.2, 146.0, 337.0, 0.0);	(488403.0, 3653955.2, 146.0, 337.0, 0.0);
(488453.0, 3653955.2, 146.5, 337.0, 0.0);	(487353.0, 3654005.2, 135.6, 337.0, 0.0);
(487403.0, 3654005.2, 138.3, 337.0, 0.0);	(487453.0, 3654005.2, 140.5, 337.0, 0.0);
(487503.0, 3654005.2, 141.4, 337.0, 0.0);	(487553.0, 3654005.2, 142.5, 337.0, 0.0);
(487603.0, 3654005.2, 142.8, 337.0, 0.0);	(487653.0, 3654005.2, 143.1, 337.0, 0.0);
(487703.0, 3654005.2, 143.1, 337.0, 0.0);	(487753.0, 3654005.2, 145.4, 337.0, 0.0);
(487803.0, 3654005.2, 146.0, 337.0, 0.0);	(487853.0, 3654005.2, 146.0, 337.0, 0.0);
(487903.0, 3654005.2, 146.7, 337.0, 0.0);	(487953.0, 3654005.2, 146.8, 337.0, 0.0);
(488003.0, 3654005.2, 146.0, 337.0, 0.0);	(488053.0, 3654005.2, 145.0, 337.0, 0.0);
(488103.0, 3654005.2, 145.0, 337.0, 0.0);	(488153.0, 3654005.2, 145.0, 337.0, 0.0);
(488203.0, 3654005.2, 145.0, 337.0, 0.0);	(488253.0, 3654005.2, 145.0, 337.0, 0.0);
(488303.0, 3654005.2, 146.3, 337.0, 0.0);	(488353.0, 3654005.2, 146.8, 337.0, 0.0);
(488403.0, 3654005.2, 147.6, 337.0, 0.0);	(488453.0, 3654005.2, 147.6, 337.0, 0.0);
(487353.0, 3654055.2, 134.5, 337.0, 0.0);	(487403.0, 3654055.2, 135.9, 337.0, 0.0);
(487453.0, 3654055.2, 137.2, 337.0, 0.0);	(487503.0, 3654055.2, 138.0, 337.0, 0.0);
(487553.0, 3654055.2, 140.0, 337.0, 0.0);	(487603.0, 3654055.2, 139.7, 337.0, 0.0);
(487653.0, 3654055.2, 139.9, 337.0, 0.0);	(487703.0, 3654055.2, 142.9, 337.0, 0.0);
(487753.0, 3654055.2, 146.6, 337.0, 0.0);	(487803.0, 3654055.2, 147.0, 337.0, 0.0);
(487853.0, 3654055.2, 148.1, 337.0, 0.0);	(487903.0, 3654055.2, 152.6, 337.0, 0.0);
(487953.0, 3654055.2, 150.8, 337.0, 0.0);	(488003.0, 3654055.2, 146.4, 337.0, 0.0);
(488053.0, 3654055.2, 145.0, 337.0, 0.0);	(488103.0, 3654055.2, 145.0, 337.0, 0.0);
(488153.0, 3654055.2, 146.0, 337.0, 0.0);	(488203.0, 3654055.2, 146.0, 337.0, 0.0);
(488253.0, 3654055.2, 145.3, 337.0, 0.0);	(488303.0, 3654055.2, 146.8, 337.0, 0.0);
(488353.0, 3654055.2, 148.0, 337.0, 0.0);	(488403.0, 3654055.2, 148.9, 337.0, 0.0);
(488453.0, 3654055.2, 149.3, 337.0, 0.0);	(487353.0, 3654105.2, 132.8, 442.0, 0.0);
(487403.0, 3654105.2, 134.5, 442.0, 0.0);	(487453.0, 3654105.2, 135.0, 442.0, 0.0);
(487503.0, 3654105.2, 135.0, 442.0, 0.0);	(487553.0, 3654105.2, 138.5, 442.0, 0.0);
(487603.0, 3654105.2, 139.1, 337.0, 0.0);	(487653.0, 3654105.2, 141.5, 337.0, 0.0);
(487703.0, 3654105.2, 149.7, 337.0, 0.0);	(487753.0, 3654105.2, 153.9, 337.0, 0.0);
(487803.0, 3654105.2, 153.1, 337.0, 0.0);	(487853.0, 3654105.2, 153.4, 337.0, 0.0);
(487903.0, 3654105.2, 153.9, 337.0, 0.0);	(487953.0, 3654105.2, 149.9, 337.0, 0.0);
(488003.0, 3654105.2, 144.6, 337.0, 0.0);	(488053.0, 3654105.2, 144.2, 337.0, 0.0);
(488103.0, 3654105.2, 145.8, 337.0, 0.0);	(488153.0, 3654105.2, 146.4, 337.0, 0.0);
(488203.0, 3654105.2, 147.0, 337.0, 0.0);	(488253.0, 3654105.2, 147.0, 337.0, 0.0);
(488303.0, 3654105.2, 148.9, 337.0, 0.0);	(488353.0, 3654105.2, 150.0, 337.0, 0.0);
(488403.0, 3654105.2, 150.0, 337.0, 0.0);	(488453.0, 3654105.2, 150.0, 337.0, 0.0);
(487353.0, 3654155.2, 138.8, 442.0, 0.0);	(487403.0, 3654155.2, 140.1, 442.0, 0.0);
(487453.0, 3654155.2, 138.2, 442.0, 0.0);	(487503.0, 3654155.2, 136.8, 442.0, 0.0);
(487553.0, 3654155.2, 137.5, 442.0, 0.0);	(487603.0, 3654155.2, 139.1, 442.0, 0.0);
(487653.0, 3654155.2, 143.4, 337.0, 0.0);	(487703.0, 3654155.2, 149.2, 337.0, 0.0);
(487753.0, 3654155.2, 151.7, 337.0, 0.0);	(487803.0, 3654155.2, 152.5, 337.0, 0.0);
(487853.0, 3654155.2, 156.0, 337.0, 0.0);	(487903.0, 3654155.2, 149.8, 337.0, 0.0);
(487953.0, 3654155.2, 144.5, 337.0, 0.0);	(488003.0, 3654155.2, 142.2, 337.0, 0.0);
(488053.0, 3654155.2, 143.6, 337.0, 0.0);	(488103.0, 3654155.2, 146.3, 337.0, 0.0);

*** AERMOD - VERSION 23132	*** Cambridge School HRA	*** 06/11/24
*** AERMET - VERSION 19191	***	*** 12:50:10
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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(488153.0, 3654155.2, 148.1, 337.0, 0.0);	(488203.0, 3654155.2, 148.7, 337.0, 0.0);
(488253.0, 3654155.2, 149.6, 337.0, 0.0);	(488303.0, 3654155.2, 151.4, 337.0, 0.0);
(488353.0, 3654155.2, 152.2, 337.0, 0.0);	(488403.0, 3654155.2, 151.6, 337.0, 0.0);
(488453.0, 3654155.2, 151.3, 337.0, 0.0);	(486853.0, 3652605.2, 132.8, 139.0, 0.0);
(486953.0, 3652605.2, 109.0, 153.0, 0.0);	(487053.0, 3652605.2, 113.0, 151.0, 0.0);
(487153.0, 3652605.2, 103.8, 159.0, 0.0);	(487253.0, 3652605.2, 113.3, 156.0, 0.0);
(487353.0, 3652605.2, 141.5, 147.0, 0.0);	(487453.0, 3652605.2, 144.6, 145.0, 0.0);
(487553.0, 3652605.2, 130.9, 156.0, 0.0);	(487653.0, 3652605.2, 120.7, 166.0, 0.0);
(487753.0, 3652605.2, 146.6, 152.0, 0.0);	(487853.0, 3652605.2, 152.2, 156.0, 0.0);
(487953.0, 3652605.2, 153.1, 158.0, 0.0);	(488053.0, 3652605.2, 159.9, 159.9, 0.0);
(488153.0, 3652605.2, 154.6, 156.0, 0.0);	(488253.0, 3652605.2, 142.0, 170.0, 0.0);
(488353.0, 3652605.2, 161.4, 161.4, 0.0);	(488453.0, 3652605.2, 166.0, 166.0, 0.0);
(488553.0, 3652605.2, 158.4, 178.0, 0.0);	(488653.0, 3652605.2, 164.6, 183.0, 0.0);
(488753.0, 3652605.2, 178.5, 178.5, 0.0);	(488853.0, 3652605.2, 183.0, 183.0, 0.0);
(488953.0, 3652605.2, 184.0, 184.0, 0.0);	(486853.0, 3652705.2, 129.2, 146.0, 0.0);
(486953.0, 3652705.2, 128.4, 147.0, 0.0);	(487053.0, 3652705.2, 128.4, 150.0, 0.0);
(487153.0, 3652705.2, 115.5, 156.0, 0.0);	(487253.0, 3652705.2, 110.7, 162.0, 0.0);
(487353.0, 3652705.2, 126.8, 157.0, 0.0);	(487453.0, 3652705.2, 139.8, 156.0, 0.0);
(487553.0, 3652705.2, 146.7, 155.0, 0.0);	(487653.0, 3652705.2, 129.7, 165.0, 0.0);
(487753.0, 3652705.2, 134.9, 166.0, 0.0);	(487853.0, 3652705.2, 151.8, 151.8, 0.0);
(487953.0, 3652705.2, 159.8, 165.0, 0.0);	(488053.0, 3652705.2, 163.2, 163.2, 0.0);
(488153.0, 3652705.2, 158.8, 165.0, 0.0);	(488253.0, 3652705.2, 151.9, 170.0, 0.0);
(488353.0, 3652705.2, 160.2, 166.0, 0.0);	(488453.0, 3652705.2, 166.8, 166.8, 0.0);
(488553.0, 3652705.2, 163.8, 171.0, 0.0);	(488653.0, 3652705.2, 168.8, 171.0, 0.0);
(488753.0, 3652705.2, 172.5, 183.0, 0.0);	(488853.0, 3652705.2, 181.3, 181.3, 0.0);
(488953.0, 3652705.2, 183.7, 183.7, 0.0);	(486853.0, 3652805.2, 141.7, 141.7, 0.0);
(486953.0, 3652805.2, 144.2, 144.2, 0.0);	(487053.0, 3652805.2, 130.5, 153.0, 0.0);
(487153.0, 3652805.2, 133.2, 151.0, 0.0);	(487253.0, 3652805.2, 120.5, 159.0, 0.0);
(487353.0, 3652805.2, 122.6, 162.0, 0.0);	(487453.0, 3652805.2, 146.6, 156.0, 0.0);
(487553.0, 3652805.2, 155.2, 155.2, 0.0);	(487653.0, 3652805.2, 149.1, 157.0, 0.0);
(487753.0, 3652805.2, 128.9, 170.0, 0.0);	(487853.0, 3652805.2, 145.6, 166.0, 0.0);
(487953.0, 3652805.2, 156.8, 166.0, 0.0);	(488053.0, 3652805.2, 165.4, 165.4, 0.0);
(488153.0, 3652805.2, 166.2, 166.2, 0.0);	(488253.0, 3652805.2, 161.6, 172.0, 0.0);
(488353.0, 3652805.2, 158.9, 171.0, 0.0);	(488453.0, 3652805.2, 168.4, 168.4, 0.0);
(488553.0, 3652805.2, 170.8, 170.8, 0.0);	(488653.0, 3652805.2, 172.7, 172.7, 0.0);
(488753.0, 3652805.2, 175.5, 175.5, 0.0);	(488853.0, 3652805.2, 178.2, 178.2, 0.0);
(488953.0, 3652805.2, 181.4, 181.4, 0.0);	(486853.0, 3652905.2, 141.5, 145.0, 0.0);
(486953.0, 3652905.2, 146.9, 146.9, 0.0);	(487053.0, 3652905.2, 143.8, 150.0, 0.0);
(487153.0, 3652905.2, 148.8, 148.8, 0.0);	(487253.0, 3652905.2, 130.4, 155.0, 0.0);
(487353.0, 3652905.2, 115.5, 166.0, 0.0);	(487453.0, 3652905.2, 127.9, 166.0, 0.0);
(487553.0, 3652905.2, 149.4, 159.0, 0.0);	(487653.0, 3652905.2, 156.9, 156.9, 0.0);
(487753.0, 3652905.2, 147.8, 162.0, 0.0);	(487853.0, 3652905.2, 133.0, 172.0, 0.0);
(487953.0, 3652905.2, 147.5, 166.0, 0.0);	(488053.0, 3652905.2, 158.1, 165.0, 0.0);
(488153.0, 3652905.2, 164.0, 170.0, 0.0);	(488253.0, 3652905.2, 171.9, 171.9, 0.0);
(488353.0, 3652905.2, 168.9, 172.0, 0.0);	(488453.0, 3652905.2, 168.4, 168.4, 0.0);

*** AERMOD - VERSION 23132 *** Cambridge School HRA

*** AERMET - VERSION 19191 ***

06/11/24

12:50:10

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(488553.0, 3652905.2, 171.0, 171.0, 0.0);	(488653.0, 3652905.2, 173.1, 173.1, 0.0);
(488753.0, 3652905.2, 174.5, 174.5, 0.0);	(488853.0, 3652905.2, 176.0, 176.0, 0.0);
(488953.0, 3652905.2, 179.2, 179.2, 0.0);	(486853.0, 3653005.2, 147.3, 147.3, 0.0);
(486953.0, 3653005.2, 149.1, 149.1, 0.0);	(487053.0, 3653005.2, 152.1, 152.1, 0.0);
(487153.0, 3653005.2, 152.0, 152.0, 0.0);	(487253.0, 3653005.2, 134.7, 166.0, 0.0);
(487353.0, 3653005.2, 130.8, 166.0, 0.0);	(487453.0, 3653005.2, 127.9, 166.0, 0.0);
(487553.0, 3653005.2, 149.6, 162.0, 0.0);	(487653.0, 3653005.2, 160.2, 160.2, 0.0);
(487753.0, 3653005.2, 159.2, 159.2, 0.0);	(487853.0, 3653005.2, 154.4, 164.0, 0.0);
(487953.0, 3653005.2, 147.5, 172.0, 0.0);	(488053.0, 3653005.2, 145.0, 172.0, 0.0);
(488153.0, 3653005.2, 159.0, 161.0, 0.0);	(488253.0, 3653005.2, 164.1, 164.1, 0.0);
(488353.0, 3653005.2, 167.5, 167.5, 0.0);	(488453.0, 3653005.2, 169.6, 169.6, 0.0);
(488553.0, 3653005.2, 169.8, 169.8, 0.0);	(488653.0, 3653005.2, 173.1, 173.1, 0.0);
(488753.0, 3653005.2, 173.5, 173.5, 0.0);	(488853.0, 3653005.2, 173.1, 173.1, 0.0);
(488953.0, 3653005.2, 179.2, 179.2, 0.0);	(486853.0, 3653105.2, 149.0, 149.0, 0.0);
(486953.0, 3653105.2, 150.5, 150.5, 0.0);	(487053.0, 3653105.2, 153.8, 153.8, 0.0);
(487153.0, 3653105.2, 153.5, 153.5, 0.0);	(487253.0, 3653105.2, 153.7, 153.7, 0.0);
(488553.0, 3653105.2, 169.8, 169.8, 0.0);	(488653.0, 3653105.2, 173.1, 173.1, 0.0);
(488753.0, 3653105.2, 173.2, 173.2, 0.0);	(488853.0, 3653105.2, 170.8, 170.8, 0.0);
(488953.0, 3653105.2, 179.2, 179.2, 0.0);	(486853.0, 3653205.2, 143.3, 148.0, 0.0);
(486953.0, 3653205.2, 148.8, 148.8, 0.0);	(487053.0, 3653205.2, 154.8, 154.8, 0.0);
(487153.0, 3653205.2, 157.8, 157.8, 0.0);	(487253.0, 3653205.2, 157.0, 157.0, 0.0);
(488553.0, 3653205.2, 171.0, 171.0, 0.0);	(488653.0, 3653205.2, 172.0, 172.0, 0.0);
(488753.0, 3653205.2, 169.2, 171.0, 0.0);	(488853.0, 3653205.2, 168.8, 178.0, 0.0);
(488953.0, 3653205.2, 176.1, 176.1, 0.0);	(486853.0, 3653305.2, 148.9, 148.9, 0.0);
(486953.0, 3653305.2, 151.9, 151.9, 0.0);	(487053.0, 3653305.2, 158.1, 158.1, 0.0);
(487153.0, 3653305.2, 163.5, 163.5, 0.0);	(487253.0, 3653305.2, 165.7, 165.7, 0.0);
(488553.0, 3653305.2, 161.9, 170.0, 0.0);	(488653.0, 3653305.2, 163.8, 171.0, 0.0);
(488753.0, 3653305.2, 160.1, 171.0, 0.0);	(488853.0, 3653305.2, 159.0, 178.0, 0.0);
(488953.0, 3653305.2, 162.3, 184.0, 0.0);	(486853.0, 3653405.2, 151.5, 151.5, 0.0);
(486953.0, 3653405.2, 154.9, 154.9, 0.0);	(487053.0, 3653405.2, 160.9, 160.9, 0.0);
(487153.0, 3653405.2, 162.9, 162.9, 0.0);	(487253.0, 3653405.2, 164.7, 164.7, 0.0);
(488553.0, 3653405.2, 156.5, 156.5, 0.0);	(488653.0, 3653405.2, 155.7, 155.7, 0.0);
(488753.0, 3653405.2, 154.4, 154.4, 0.0);	(488853.0, 3653405.2, 154.3, 176.0, 0.0);
(488953.0, 3653405.2, 156.1, 360.0, 0.0);	(486853.0, 3653505.2, 147.4, 147.4, 0.0);
(486953.0, 3653505.2, 154.9, 154.9, 0.0);	(487053.0, 3653505.2, 159.0, 159.0, 0.0);
(487153.0, 3653505.2, 156.8, 156.8, 0.0);	(487253.0, 3653505.2, 154.5, 164.0, 0.0);
(488553.0, 3653505.2, 154.2, 317.0, 0.0);	(488653.0, 3653505.2, 152.9, 317.0, 0.0);
(488753.0, 3653505.2, 152.0, 317.0, 0.0);	(488853.0, 3653505.2, 153.8, 360.0, 0.0);
(488953.0, 3653505.2, 157.1, 360.0, 0.0);	(486853.0, 3653605.2, 152.3, 152.3, 0.0);
(486953.0, 3653605.2, 153.6, 153.6, 0.0);	(487053.0, 3653605.2, 153.8, 153.8, 0.0);
(487153.0, 3653605.2, 151.3, 151.3, 0.0);	(487253.0, 3653605.2, 145.6, 154.0, 0.0);
(488553.0, 3653605.2, 152.7, 337.0, 0.0);	(488653.0, 3653605.2, 151.0, 337.0, 0.0);

(488753.0, 3653605.2,	152.6,	336.0,	0.0);	(488853.0, 3653605.2,	157.7,	360.0,	0.0);
(488953.0, 3653605.2,	159.7,	360.0,	0.0);	(486853.0, 3653705.2,	157.1,	157.1,	0.0);
(486953.0, 3653705.2,	157.2,	157.2,	0.0);	(487053.0, 3653705.2,	150.6,	150.6,	0.0);

*** AERMOD - VERSION 23132	***	*** Cambridge School HRA	***	06/11/24			
*** AERMET - VERSION 19191	***	***	***	12:50:10			
*** MODELOPTs:	RegDFAULT	CONC	ELEV	FLGPOL	RURAL	SigA Data	PAGE 28

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

(487153.0, 3653705.2,	145.6,	145.6,	0.0);	(487253.0, 3653705.2,	140.2,	337.0,	0.0);
(488553.0, 3653705.2,	150.4,	337.0,	0.0);	(488653.0, 3653705.2,	150.1,	337.0,	0.0);
(488753.0, 3653705.2,	156.8,	337.0,	0.0);	(488853.0, 3653705.2,	156.5,	360.0,	0.0);
(488953.0, 3653705.2,	157.6,	360.0,	0.0);	(486853.0, 3653805.2,	160.0,	160.0,	0.0);
(486953.0, 3653805.2,	158.6,	158.6,	0.0);	(487053.0, 3653805.2,	150.7,	150.7,	0.0);
(487153.0, 3653805.2,	143.8,	337.0,	0.0);	(487253.0, 3653805.2,	138.6,	337.0,	0.0);
(488553.0, 3653805.2,	148.8,	337.0,	0.0);	(488653.0, 3653805.2,	151.1,	337.0,	0.0);
(488753.0, 3653805.2,	153.6,	360.0,	0.0);	(488853.0, 3653805.2,	154.0,	360.0,	0.0);
(488953.0, 3653805.2,	155.2,	360.0,	0.0);	(486853.0, 3653905.2,	154.9,	160.0,	0.0);
(486953.0, 3653905.2,	153.5,	160.0,	0.0);	(487053.0, 3653905.2,	146.4,	337.0,	0.0);
(487153.0, 3653905.2,	140.6,	337.0,	0.0);	(487253.0, 3653905.2,	135.1,	337.0,	0.0);
(488553.0, 3653905.2,	147.9,	337.0,	0.0);	(488653.0, 3653905.2,	149.7,	359.0,	0.0);
(488753.0, 3653905.2,	150.7,	360.0,	0.0);	(488853.0, 3653905.2,	151.0,	360.0,	0.0);
(488953.0, 3653905.2,	152.1,	360.0,	0.0);	(486853.0, 3654005.2,	135.7,	337.0,	0.0);
(486953.0, 3654005.2,	142.9,	337.0,	0.0);	(487053.0, 3654005.2,	142.9,	337.0,	0.0);
(487153.0, 3654005.2,	137.8,	337.0,	0.0);	(487253.0, 3654005.2,	132.9,	337.0,	0.0);
(488553.0, 3654005.2,	148.9,	337.0,	0.0);	(488653.0, 3654005.2,	149.7,	360.0,	0.0);
(488753.0, 3654005.2,	150.0,	360.0,	0.0);	(488853.0, 3654005.2,	150.8,	360.0,	0.0);
(488953.0, 3654005.2,	152.1,	360.0,	0.0);	(486853.0, 3654105.2,	135.0,	387.0,	0.0);
(486953.0, 3654105.2,	135.1,	442.0,	0.0);	(487053.0, 3654105.2,	135.1,	442.0,	0.0);
(487153.0, 3654105.2,	134.9,	442.0,	0.0);	(487253.0, 3654105.2,	128.5,	442.0,	0.0);
(488553.0, 3654105.2,	151.0,	337.0,	0.0);	(488653.0, 3654105.2,	152.0,	360.0,	0.0);
(488753.0, 3654105.2,	151.5,	360.0,	0.0);	(488853.0, 3654105.2,	151.0,	360.0,	0.0);
(488953.0, 3654105.2,	152.0,	360.0,	0.0);	(486853.0, 3654205.2,	137.0,	442.0,	0.0);
(486953.0, 3654205.2,	130.7,	442.0,	0.0);	(487053.0, 3654205.2,	128.8,	442.0,	0.0);
(487153.0, 3654205.2,	127.6,	442.0,	0.0);	(487253.0, 3654205.2,	131.9,	442.0,	0.0);
(487353.0, 3654205.2,	148.9,	337.0,	0.0);	(487453.0, 3654205.2,	143.1,	442.0,	0.0);
(487553.0, 3654205.2,	137.2,	442.0,	0.0);	(487653.0, 3654205.2,	143.4,	442.0,	0.0);
(487753.0, 3654205.2,	150.0,	337.0,	0.0);	(487853.0, 3654205.2,	150.0,	337.0,	0.0);
(487953.0, 3654205.2,	139.7,	442.0,	0.0);	(488053.0, 3654205.2,	143.2,	337.0,	0.0);
(488153.0, 3654205.2,	149.6,	337.0,	0.0);	(488253.0, 3654205.2,	151.3,	337.0,	0.0);
(488353.0, 3654205.2,	153.9,	337.0,	0.0);	(488453.0, 3654205.2,	151.7,	337.0,	0.0);
(488553.0, 3654205.2,	154.0,	337.0,	0.0);	(488653.0, 3654205.2,	156.6,	337.0,	0.0);
(488753.0, 3654205.2,	155.2,	360.0,	0.0);	(488853.0, 3654205.2,	154.3,	360.0,	0.0);
(488953.0, 3654205.2,	152.3,	360.0,	0.0);	(486853.0, 3654305.2,	135.1,	442.0,	0.0);
(486953.0, 3654305.2,	128.1,	442.0,	0.0);	(487053.0, 3654305.2,	125.4,	442.0,	0.0);
(487153.0, 3654305.2,	134.2,	442.0,	0.0);	(487253.0, 3654305.2,	144.8,	442.0,	0.0);
(487353.0, 3654305.2,	161.6,	337.0,	0.0);	(487453.0, 3654305.2,	154.8,	442.0,	0.0);
(487553.0, 3654305.2,	138.9,	442.0,	0.0);	(487653.0, 3654305.2,	134.2,	442.0,	0.0);
(487753.0, 3654305.2,	144.6,	442.0,	0.0);	(487853.0, 3654305.2,	145.7,	442.0,	0.0);
(487953.0, 3654305.2,	153.9,	442.0,	0.0);	(488053.0, 3654305.2,	150.7,	442.0,	0.0);
(488153.0, 3654305.2,	152.8,	337.0,	0.0);	(488253.0, 3654305.2,	156.3,	337.0,	0.0);
(488353.0, 3654305.2,	157.3,	337.0,	0.0);	(488453.0, 3654305.2,	156.1,	337.0,	0.0);
(488553.0, 3654305.2,	156.9,	337.0,	0.0);	(488653.0, 3654305.2,	160.6,	337.0,	0.0);
(488753.0, 3654305.2,	159.3,	360.0,	0.0);	(488853.0, 3654305.2,	157.9,	360.0,	0.0);

*** AERMOD - VERSION 23132	***	*** Cambridge School HRA	***	06/11/24			
*** AERMET - VERSION 19191	***	***	***	12:50:10			
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(488953.0, 3654305.2,	155.5,	360.0,	0.0);	(486853.0, 3654405.2,	129.9,	442.0,	0.0);
(486953.0, 3654405.2,	125.6,	442.0,	0.0);	(487053.0, 3654405.2,	122.8,	442.0,	0.0);
(487153.0, 3654405.2,	144.0,	442.0,	0.0);	(487253.0, 3654405.2,	154.9,	442.0,	0.0);
(487353.0, 3654405.2,	165.6,	442.0,	0.0);	(487453.0, 3654405.2,	151.5,	442.0,	0.0);
(487553.0, 3654405.2,	137.7,	442.0,	0.0);	(487653.0, 3654405.2,	134.1,	442.0,	0.0);
(487753.0, 3654405.2,	158.6,	442.0,	0.0);	(487853.0, 3654405.2,	169.7,	337.0,	0.0);
(487953.0, 3654405.2,	168.3,	337.0,	0.0);	(488053.0, 3654405.2,	157.7,	442.0,	0.0);
(488153.0, 3654405.2,	155.3,	442.0,	0.0);	(488253.0, 3654405.2,	161.0,	337.0,	0.0);
(488353.0, 3654405.2,	163.9,	337.0,	0.0);	(488453.0, 3654405.2,	162.5,	337.0,	0.0);
(488553.0, 3654405.2,	160.0,	337.0,	0.0);	(488653.0, 3654405.2,	164.2,	337.0,	0.0);
(488753.0, 3654405.2,	165.0,	360.0,	0.0);	(488853.0, 3654405.2,	162.2,	360.0,	0.0);
(488953.0, 3654405.2,	158.0,	360.0,	0.0);	(486853.0, 3654505.2,	126.9,	442.0,	0.0);
(486953.0, 3654505.2,	123.2,	442.0,	0.0);	(487053.0, 3654505.2,	122.3,	442.0,	0.0);
(487153.0, 3654505.2,	136.9,	442.0,	0.0);	(487253.0, 3654505.2,	148.7,	442.0,	0.0);
(487353.0, 3654505.2,	155.2,	442.0,	0.0);	(487453.0, 3654505.2,	146.4,	442.0,	0.0);
(487553.0, 3654505.2,	129.9,	442.0,	0.0);	(487653.0, 3654505.2,	140.8,	442.0,	0.0);
(487753.0, 3654505.2,	165.0,	442.0,	0.0);	(487853.0, 3654505.2,	189.6,	337.0,	0.0);
(487953.0, 3654505.2,	174.4,	337.0,	0.0);	(488053.0, 3654505.2,	162.5,	442.0,	0.0);
(488153.0, 3654505.2,	159.1,	442.0,	0.0);	(488253.0, 3654505.2,	165.6,	442.0,	0.0);
(488353.0, 3654505.2,	169.7,	337.0,	0.0);	(488453.0, 3654505.2,	169.7,	337.0,	0.0);
(488553.0, 3654505.2,	166.9,	337.0,	0.0);	(488653.0, 3654505.2,	168.1,	337.0,	0.0);
(488753.0, 3654505.2,	169.5,	354.0,	0.0);	(488853.0, 3654505.2,	168.1,	360.0,	0.0);
(488953.0, 3654505.2,	162.4,	360.0,	0.0);	(486853.0, 3654605.2,	125.2,	442.0,	0.0);
(486953.0, 3654605.2,	121.5,	442.0,	0.0);	(487053.0, 3654605.2,	122.9,	442.0,	0.0);
(487153.0, 3654605.2,	137.3,	442.0,	0.0);	(487253.0, 3654605.2,	144.8,	442.0,	0.0);
(487353.0, 3654605.2,	151.0,	442.0,	0.0);	(487453.0, 3654605.2,	123.1,	442.0,	0.0);
(487553.0, 3654605.2,	134.5,	442.0,	0.0);	(487653.0, 3654605.2,	163.7,	442.0,	0.0);
(487753.0, 3654605.2,	184.4,	442.0,	0.0);	(487853.0, 3654605.2,	202.2,	337.0,	0.0);
(487953.0, 3654605.2,	187.9,	337.0,	0.0);	(488053.0, 3654605.2,	180.8,	442.0,	0.0);
(488153.0, 3654605.2,	172.6,	442.0,	0.0);	(488253.0, 3654605.2,	176.2,	337.0,	0.0);
(488353.0, 3654605.2,	181.0,	337.0,	0.0);	(488453.0, 3654605.2,	182.8,	337.0,	0.0);
(488553.0, 3654605.2,	189.1,	337.0,	0.0);	(488653.0, 3654605.2,	189.4,	337.0,	0.0);
(488753.0, 3654605.2,	176.6,	337.0,	0.0);	(488853.0, 3654605.2,	182.8,	354.0,	0.0);
(488953.0, 3654605.2,	175.9,	360.0,	0.0);	(485853.0, 3651605.2,	76.8,	195.0,	0.0);
(486953.0, 3651605.2,	104.2,	156.0,	0.0);	(486253.0, 3651605.2,	134.4,	141.0,	0.0);

(486453.0, 3651605.2,	116.8,	477.2,	0.0);	(486653.0, 3651605.2,	88.8,	477.2,	0.0);
(486853.0, 3651605.2,	90.8,	477.2,	0.0);	(487053.0, 3651605.2,	86.7,	477.2,	0.0);
(487253.0, 3651605.2,	85.7,	477.2,	0.0);	(487453.0, 3651605.2,	88.7,	477.2,	0.0);
(487653.0, 3651605.2,	92.1,	477.2,	0.0);	(487853.0, 3651605.2,	92.4,	477.2,	0.0);
(488053.0, 3651605.2,	95.8,	477.2,	0.0);	(488253.0, 3651605.2,	97.4,	477.2,	0.0);
(488453.0, 3651605.2,	109.3,	477.2,	0.0);	(488653.0, 3651605.2,	124.5,	477.2,	0.0);
(488853.0, 3651605.2,	122.1,	477.2,	0.0);	(489053.0, 3651605.2,	127.9,	477.2,	0.0);
(489253.0, 3651605.2,	136.0,	477.2,	0.0);	(489453.0, 3651605.2,	136.0,	477.2,	0.0);
(489653.0, 3651605.2,	140.0,	477.2,	0.0);	(489853.0, 3651605.2,	143.8,	477.2,	0.0);
(490053.0, 3651605.2,	149.3,	477.2,	0.0);	(485853.0, 3651805.2,	69.5,	195.0,	0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(486053.0, 3651805.2,	79.8,	195.0,	0.0);	(486253.0, 3651805.2,	74.8,	477.2,	0.0);
(486453.0, 3651805.2,	76.7,	477.2,	0.0);	(486653.0, 3651805.2,	80.3,	477.2,	0.0);
(486853.0, 3651805.2,	82.3,	477.2,	0.0);	(487053.0, 3651805.2,	86.1,	477.2,	0.0);
(487253.0, 3651805.2,	87.4,	477.2,	0.0);	(487453.0, 3651805.2,	90.4,	477.2,	0.0);
(487653.0, 3651805.2,	94.5,	477.2,	0.0);	(487853.0, 3651805.2,	98.0,	477.2,	0.0);
(488053.0, 3651805.2,	99.6,	477.2,	0.0);	(488253.0, 3651805.2,	108.9,	477.2,	0.0);
(488453.0, 3651805.2,	122.1,	477.2,	0.0);	(488653.0, 3651805.2,	152.1,	477.2,	0.0);
(488853.0, 3651805.2,	140.0,	477.2,	0.0);	(489053.0, 3651805.2,	134.7,	477.2,	0.0);
(489253.0, 3651805.2,	142.1,	477.2,	0.0);	(489453.0, 3651805.2,	139.1,	477.2,	0.0);
(489653.0, 3651805.2,	144.2,	477.2,	0.0);	(489853.0, 3651805.2,	149.0,	477.2,	0.0);
(490053.0, 3651805.2,	153.1,	477.2,	0.0);	(485853.0, 3652005.2,	90.7,	166.0,	0.0);
(486053.0, 3652005.2,	85.3,	166.0,	0.0);	(486253.0, 3652005.2,	105.9,	165.0,	0.0);
(486453.0, 3652005.2,	94.6,	165.0,	0.0);	(486653.0, 3652005.2,	85.0,	477.2,	0.0);
(486853.0, 3652005.2,	89.1,	477.2,	0.0);	(487053.0, 3652005.2,	91.8,	477.2,	0.0);
(487253.0, 3652005.2,	92.5,	477.2,	0.0);	(487453.0, 3652005.2,	104.4,	477.2,	0.0);
(487653.0, 3652005.2,	124.6,	477.2,	0.0);	(487853.0, 3652005.2,	117.6,	477.2,	0.0);
(488053.0, 3652005.2,	118.8,	477.2,	0.0);	(488253.0, 3652005.2,	141.1,	477.2,	0.0);
(488453.0, 3652005.2,	133.9,	477.2,	0.0);	(488653.0, 3652005.2,	162.1,	477.2,	0.0);
(488853.0, 3652005.2,	157.1,	477.2,	0.0);	(489053.0, 3652005.2,	150.7,	477.2,	0.0);
(489253.0, 3652005.2,	163.1,	477.2,	0.0);	(489453.0, 3652005.2,	146.2,	477.2,	0.0);
(489653.0, 3652005.2,	146.4,	477.2,	0.0);	(489853.0, 3652005.2,	166.8,	477.2,	0.0);
(490053.0, 3652005.2,	159.5,	477.2,	0.0);	(485853.0, 3652205.2,	136.1,	166.0,	0.0);
(486053.0, 3652205.2,	112.7,	166.0,	0.0);	(486253.0, 3652205.2,	119.6,	165.0,	0.0);
(486453.0, 3652205.2,	100.5,	165.0,	0.0);	(486653.0, 3652205.2,	110.4,	135.0,	0.0);
(486853.0, 3652205.2,	92.1,	477.2,	0.0);	(487053.0, 3652205.2,	100.8,	477.2,	0.0);
(487253.0, 3652205.2,	114.8,	477.2,	0.0);	(487453.0, 3652205.2,	102.7,	477.2,	0.0);
(487653.0, 3652205.2,	140.5,	477.2,	0.0);	(487853.0, 3652205.2,	147.0,	477.2,	0.0);
(488053.0, 3652205.2,	133.0,	477.2,	0.0);	(488253.0, 3652205.2,	139.1,	477.2,	0.0);
(488453.0, 3652205.2,	152.2,	477.2,	0.0);	(488653.0, 3652205.2,	153.5,	477.2,	0.0);
(488853.0, 3652205.2,	162.5,	477.2,	0.0);	(489053.0, 3652205.2,	165.9,	477.2,	0.0);
(489253.0, 3652205.2,	171.9,	477.2,	0.0);	(489453.0, 3652205.2,	161.9,	477.2,	0.0);
(489653.0, 3652205.2,	154.5,	477.2,	0.0);	(489853.0, 3652205.2,	179.6,	285.0,	0.0);
(490053.0, 3652205.2,	172.0,	285.0,	0.0);	(485853.0, 3652405.2,	148.1,	166.0,	0.0);
(486053.0, 3652405.2,	118.3,	166.0,	0.0);	(486253.0, 3652405.2,	105.2,	166.0,	0.0);
(486453.0, 3652405.2,	132.7,	132.7,	0.0);	(486653.0, 3652405.2,	128.3,	131.0,	0.0);
(486853.0, 3652405.2,	123.1,	139.0,	0.0);	(487053.0, 3652405.2,	105.0,	147.0,	0.0);
(487253.0, 3652405.2,	138.8,	143.0,	0.0);	(487453.0, 3652405.2,	122.3,	147.0,	0.0);
(487653.0, 3652405.2,	119.1,	477.2,	0.0);	(487853.0, 3652405.2,	147.5,	147.5,	0.0);
(488053.0, 3652405.2,	151.9,	151.9,	0.0);	(488253.0, 3652405.2,	155.7,	160.0,	0.0);
(488453.0, 3652405.2,	161.3,	163.0,	0.0);	(488653.0, 3652405.2,	165.5,	165.5,	0.0);
(488853.0, 3652405.2,	166.0,	182.0,	0.0);	(489053.0, 3652405.2,	176.4,	176.4,	0.0);
(489253.0, 3652405.2,	176.7,	183.0,	0.0);	(489453.0, 3652405.2,	184.0,	184.0,	0.0);
(489653.0, 3652405.2,	168.5,	285.0,	0.0);	(489853.0, 3652405.2,	209.1,	209.1,	0.0);
(490053.0, 3652405.2,	191.0,	285.0,	0.0);	(485853.0, 3652605.2,	127.9,	166.0,	0.0);
(486053.0, 3652605.2,	116.9,	166.0,	0.0);	(486253.0, 3652605.2,	119.8,	126.0,	0.0);

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*** AERMET - VERSION 19191	***	***	12:50:10
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(486453.0, 3652605.2,	115.7,	136.0,	0.0);	(486653.0, 3652605.2,	134.4,	134.4,	0.0);
(489053.0, 3652605.2,	182.1,	182.1,	0.0);	(489253.0, 3652605.2,	183.0,	183.0,	0.0);
(489453.0, 3652605.2,	183.0,	232.0,	0.0);	(489653.0, 3652605.2,	182.0,	253.0,	0.0);
(489853.0, 3652605.2,	198.6,	253.0,	0.0);	(490053.0, 3652605.2,	224.6,	253.0,	0.0);
(485853.0, 3652805.2,	129.9,	135.0,	0.0);	(486053.0, 3652805.2,	135.8,	135.8,	0.0);
(486253.0, 3652805.2,	121.2,	135.0,	0.0);	(486453.0, 3652805.2,	121.1,	145.0,	0.0);
(486653.0, 3652805.2,	133.0,	145.0,	0.0);	(489053.0, 3652805.2,	183.2,	183.2,	0.0);
(489253.0, 3652805.2,	180.9,	180.9,	0.0);	(489453.0, 3652805.2,	182.0,	232.0,	0.0);
(489653.0, 3652805.2,	189.9,	232.0,	0.0);	(489853.0, 3652805.2,	223.4,	232.0,	0.0);
(490053.0, 3652805.2,	215.7,	253.0,	0.0);	(485853.0, 3653005.2,	138.3,	138.3,	0.0);
(486053.0, 3653005.2,	140.9,	140.9,	0.0);	(486253.0, 3653005.2,	125.5,	141.0,	0.0);
(486453.0, 3653005.2,	135.0,	141.0,	0.0);	(486653.0, 3653005.2,	137.8,	141.0,	0.0);
(489053.0, 3653005.2,	183.0,	183.0,	0.0);	(489253.0, 3653005.2,	177.9,	177.9,	0.0);
(489453.0, 3653005.2,	185.4,	232.0,	0.0);	(489653.0, 3653005.2,	193.9,	232.0,	0.0);
(489853.0, 3653005.2,	196.5,	359.0,	0.0);	(490053.0, 3653005.2,	191.5,	360.0,	0.0);
(485853.0, 3653205.2,	145.2,	150.0,	0.0);	(486053.0, 3653205.2,	146.5,	166.0,	0.0);
(486253.0, 3653205.2,	140.0,	166.0,	0.0);	(486453.0, 3653205.2,	143.2,	143.2,	0.0);
(486653.0, 3653205.2,	130.7,	147.0,	0.0);	(489053.0, 3653205.2,	176.5,	176.5,	0.0);
(489253.0, 3653205.2,	175.0,	183.0,	0.0);	(489453.0, 3653205.2,	170.2,	360.0,	0.0);
(489653.0, 3653205.2,	185.3,	360.0,	0.0);	(489853.0, 3653205.2,	194.0,	360.0,	0.0);
(490053.0, 3653205.2,	174.7,	360.0,	0.0);	(485853.0, 3653405.2,	142.7,	167.0,	0.0);
(486053.0, 3653405.2,	166.0,	166.0,	0.0);	(486253.0, 3653405.2,	157.8,	166.0,	0.0);
(486453.0, 3653405.2,	148.3,	148.3,	0.0);	(486653.0, 3653405.2,	143.4,	143.4,	0.0);
(489053.0, 3653405.2,	158.0,	360.0,	0.0);	(489253.0, 3653405.2,	165.5,	360.0,	0.0);
(489453.0, 3653405.2,	169.1,	360.0,	0.0);	(489653.0, 3653405.2,	166.1,	360.0,	0.0);
(489853.0, 3653405.2,	169.2,	360.0,	0.0);	(490053.0, 3653405.2,	170.0,	360.0,	0.0);
(485853.0, 3653605.2,	152.0,	167.0,	0.0);	(486053.0, 3653605.2,	162.2,	165.0,	0.0);
(486253.0, 3653605.2,	138.3,	167.0,	0.0);	(486453.0, 3653605.2,	159.3,	159.3,	0.0);

(486653.0, 3653605.2, 153.0, 153.0, 0.0);	(489053.0, 3653605.2, 164.1, 360.0, 0.0);
(489253.0, 3653605.2, 175.0, 360.0, 0.0);	(489453.0, 3653605.2, 171.0, 360.0, 0.0);
(489653.0, 3653605.2, 172.2, 360.0, 0.0);	(489853.0, 3653605.2, 193.7, 360.0, 0.0);
(490053.0, 3653605.2, 177.0, 360.0, 0.0);	(485853.0, 3653805.2, 157.9, 164.0, 0.0);
(486053.0, 3653805.2, 127.2, 167.0, 0.0);	(486253.0, 3653805.2, 120.6, 167.0, 0.0);
(486453.0, 3653805.2, 146.1, 160.0, 0.0);	(486653.0, 3653805.2, 141.2, 160.0, 0.0);
(489053.0, 3653805.2, 159.0, 360.0, 0.0);	(489253.0, 3653805.2, 165.8, 360.0, 0.0);
(489453.0, 3653805.2, 169.6, 360.0, 0.0);	(489653.0, 3653805.2, 179.7, 360.0, 0.0);
(489853.0, 3653805.2, 189.5, 360.0, 0.0);	(490053.0, 3653805.2, 180.2, 360.0, 0.0);
(485853.0, 3654005.2, 151.2, 163.0, 0.0);	(486053.0, 3654005.2, 124.8, 167.0, 0.0);
(486253.0, 3654005.2, 93.6, 442.0, 0.0);	(486453.0, 3654005.2, 122.2, 387.0, 0.0);
(486653.0, 3654005.2, 127.9, 337.0, 0.0);	(489053.0, 3654005.2, 154.2, 360.0, 0.0);
(489253.0, 3654005.2, 158.4, 360.0, 0.0);	(489453.0, 3654005.2, 161.2, 360.0, 0.0);
(489653.0, 3654005.2, 163.7, 360.0, 0.0);	(489853.0, 3654005.2, 167.8, 360.0, 0.0);
(490053.0, 3654005.2, 174.6, 360.0, 0.0);	(485853.0, 3654205.2, 97.0, 442.0, 0.0);
(486053.0, 3654205.2, 117.4, 442.0, 0.0);	(486253.0, 3654205.2, 82.1, 442.0, 0.0);
(486453.0, 3654205.2, 97.0, 442.0, 0.0);	(486653.0, 3654205.2, 126.3, 442.0, 0.0);

*** AERMOD - VERSION 23132	*** Cambridge School HRA	***	06/11/24
*** AERMET - VERSION 19191	***	***	12:50:10

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(489053.0, 3654205.2, 152.0, 360.0, 0.0);	(489253.0, 3654205.2, 155.1, 360.0, 0.0);
(489453.0, 3654205.2, 158.6, 360.0, 0.0);	(489653.0, 3654205.2, 163.0, 360.0, 0.0);
(489853.0, 3654205.2, 169.1, 360.0, 0.0);	(490053.0, 3654205.2, 175.9, 360.0, 0.0);
(485853.0, 3654405.2, 75.9, 442.0, 0.0);	(486053.0, 3654405.2, 100.7, 442.0, 0.0);
(486253.0, 3654405.2, 79.5, 442.0, 0.0);	(486453.0, 3654405.2, 113.7, 442.0, 0.0);
(486653.0, 3654405.2, 138.7, 442.0, 0.0);	(489053.0, 3654405.2, 156.0, 360.0, 0.0);
(489253.0, 3654405.2, 155.0, 360.0, 0.0);	(489453.0, 3654405.2, 158.0, 360.0, 0.0);
(489653.0, 3654405.2, 163.5, 360.0, 0.0);	(489853.0, 3654405.2, 170.2, 360.0, 0.0);
(490053.0, 3654405.2, 181.6, 360.0, 0.0);	(485853.0, 3654605.2, 66.8, 442.0, 0.0);
(486053.0, 3654605.2, 94.9, 442.0, 0.0);	(486253.0, 3654605.2, 80.0, 442.0, 0.0);
(486453.0, 3654605.2, 122.9, 442.0, 0.0);	(486653.0, 3654605.2, 126.3, 442.0, 0.0);
(489053.0, 3654605.2, 164.5, 360.0, 0.0);	(489253.0, 3654605.2, 162.3, 360.0, 0.0);
(489453.0, 3654605.2, 158.1, 360.0, 0.0);	(489653.0, 3654605.2, 163.8, 360.0, 0.0);
(489853.0, 3654605.2, 173.0, 360.0, 0.0);	(490053.0, 3654605.2, 199.6, 360.0, 0.0);
(485853.0, 3654805.2, 71.3, 442.0, 0.0);	(486053.0, 3654805.2, 79.6, 442.0, 0.0);
(486253.0, 3654805.2, 77.6, 442.0, 0.0);	(486453.0, 3654805.2, 94.8, 442.0, 0.0);
(486653.0, 3654805.2, 118.6, 442.0, 0.0);	(486853.0, 3654805.2, 125.0, 442.0, 0.0);
(487053.0, 3654805.2, 115.1, 442.0, 0.0);	(487253.0, 3654805.2, 113.1, 442.0, 0.0);
(487453.0, 3654805.2, 139.1, 442.0, 0.0);	(487653.0, 3654805.2, 179.7, 442.0, 0.0);
(487853.0, 3654805.2, 234.0, 337.0, 0.0);	(488053.0, 3654805.2, 232.8, 337.0, 0.0);
(488253.0, 3654805.2, 207.9, 337.0, 0.0);	(488453.0, 3654805.2, 231.1, 337.0, 0.0);
(488653.0, 3654805.2, 220.5, 337.0, 0.0);	(488853.0, 3654805.2, 205.4, 337.0, 0.0);
(489053.0, 3654805.2, 202.4, 354.0, 0.0);	(489253.0, 3654805.2, 214.3, 354.0, 0.0);
(489453.0, 3654805.2, 168.3, 360.0, 0.0);	(489653.0, 3654805.2, 167.1, 360.0, 0.0);
(489853.0, 3654805.2, 183.1, 360.0, 0.0);	(490053.0, 3654805.2, 226.7, 360.0, 0.0);
(485853.0, 3655005.2, 57.6, 442.0, 0.0);	(486053.0, 3655005.2, 67.7, 442.0, 0.0);
(486253.0, 3655005.2, 73.0, 442.0, 0.0);	(486453.0, 3655005.2, 94.2, 442.0, 0.0);
(486653.0, 3655005.2, 169.6, 442.0, 0.0);	(486853.0, 3655005.2, 152.6, 442.0, 0.0);
(487053.0, 3655005.2, 115.3, 442.0, 0.0);	(487253.0, 3655005.2, 127.6, 442.0, 0.0);
(487453.0, 3655005.2, 156.6, 442.0, 0.0);	(487653.0, 3655005.2, 183.4, 442.0, 0.0);
(487853.0, 3655005.2, 243.1, 337.0, 0.0);	(488053.0, 3655005.2, 269.9, 337.0, 0.0);
(488253.0, 3655005.2, 234.9, 337.0, 0.0);	(488453.0, 3655005.2, 276.2, 337.0, 0.0);
(488653.0, 3655005.2, 265.7, 337.0, 0.0);	(488853.0, 3655005.2, 248.6, 337.0, 0.0);
(489053.0, 3655005.2, 256.9, 317.0, 0.0);	(489253.0, 3655005.2, 220.8, 354.0, 0.0);
(489453.0, 3655005.2, 169.9, 360.0, 0.0);	(489653.0, 3655005.2, 170.0, 360.0, 0.0);
(489853.0, 3655005.2, 193.1, 360.0, 0.0);	(490053.0, 3655005.2, 217.4, 360.0, 0.0);
(485853.0, 3655205.2, 85.3, 442.0, 0.0);	(486053.0, 3655205.2, 98.6, 442.0, 0.0);
(486253.0, 3655205.2, 99.1, 442.0, 0.0);	(486453.0, 3655205.2, 95.8, 442.0, 0.0);
(486653.0, 3655205.2, 166.3, 442.0, 0.0);	(486853.0, 3655205.2, 141.3, 442.0, 0.0);
(487053.0, 3655205.2, 87.4, 442.0, 0.0);	(487253.0, 3655205.2, 136.9, 442.0, 0.0);
(487453.0, 3655205.2, 146.3, 442.0, 0.0);	(487653.0, 3655205.2, 182.6, 442.0, 0.0);
(487853.0, 3655205.2, 214.0, 442.0, 0.0);	(488053.0, 3655205.2, 280.0, 337.0, 0.0);
(488253.0, 3655205.2, 281.8, 337.0, 0.0);	(488453.0, 3655205.2, 291.5, 337.0, 0.0);
(488653.0, 3655205.2, 272.9, 337.0, 0.0);	(488853.0, 3655205.2, 250.7, 337.0, 0.0);
(489053.0, 3655205.2, 212.3, 337.0, 0.0);	(489253.0, 3655205.2, 189.7, 360.0, 0.0);

*** AERMOD - VERSION 23132	*** Cambridge School HRA	***	06/11/24
*** AERMET - VERSION 19191	***	***	12:50:10

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(489453.0, 3655205.2, 172.2, 360.0, 0.0);	(489653.0, 3655205.2, 173.3, 360.0, 0.0);
(489853.0, 3655205.2, 195.4, 360.0, 0.0);	(490053.0, 3655205.2, 251.4, 360.0, 0.0);
(485853.0, 3655405.2, 84.8, 442.0, 0.0);	(486053.0, 3655405.2, 103.5, 442.0, 0.0);
(486253.0, 3655405.2, 132.7, 442.0, 0.0);	(486453.0, 3655405.2, 164.7, 442.0, 0.0);
(486653.0, 3655405.2, 143.3, 442.0, 0.0);	(486853.0, 3655405.2, 141.2, 442.0, 0.0);
(487053.0, 3655405.2, 73.8, 442.0, 0.0);	(487253.0, 3655405.2, 121.4, 442.0, 0.0);
(487453.0, 3655405.2, 153.4, 442.0, 0.0);	(487653.0, 3655405.2, 222.7, 442.0, 0.0);
(487853.0, 3655405.2, 274.1, 337.0, 0.0);	(488053.0, 3655405.2, 323.5, 337.0, 0.0);
(488253.0, 3655405.2, 318.9, 337.0, 0.0);	(488453.0, 3655405.2, 300.8, 337.0, 0.0);
(488653.0, 3655405.2, 254.8, 337.0, 0.0);	(488853.0, 3655405.2, 230.8, 337.0, 0.0);
(489053.0, 3655405.2, 207.9, 337.0, 0.0);	(489253.0, 3655405.2, 187.0, 442.0, 0.0);
(489453.0, 3655405.2, 174.2, 442.0, 0.0);	(489653.0, 3655405.2, 175.5, 360.0, 0.0);
(489853.0, 3655405.2, 192.2, 360.0, 0.0);	(490053.0, 3655405.2, 223.0, 360.0, 0.0);
(485853.0, 3655605.2, 80.3, 442.0, 0.0);	(486053.0, 3655605.2, 99.4, 442.0, 0.0);
(486253.0, 3655605.2, 127.6, 442.0, 0.0);	(486453.0, 3655605.2, 144.0, 442.0, 0.0);
(486653.0, 3655605.2, 123.0, 442.0, 0.0);	(486853.0, 3655605.2, 109.0, 442.0, 0.0);
(487053.0, 3655605.2, 60.1, 442.0, 0.0);	(487253.0, 3655605.2, 97.5, 442.0, 0.0);
(487453.0, 3655605.2, 136.1, 442.0, 0.0);	(487653.0, 3655605.2, 210.0, 442.0, 0.0);
(487853.0, 3655605.2, 277.2, 442.0, 0.0);	(488053.0, 3655605.2, 305.8, 337.0, 0.0);
(488253.0, 3655605.2, 273.2, 337.0, 0.0);	(488453.0, 3655605.2, 253.3, 442.0, 0.0);
(488653.0, 3655605.2, 236.1, 442.0, 0.0);	(488853.0, 3655605.2, 206.2, 442.0, 0.0);

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL1 . VOL2 . VOL3 . VOL4 . VOL5

VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
487228.91	3653869.22	22.41525	489254.83	3653529.17	23.90022
488681.26	3653011.27	9.75071	488212.89	3652840.67	10.41376
486936.67	3653359.39	15.13290	487603.00	3653355.20	53.38067
487628.00	3653355.20	54.10882	487653.00	3653355.20	56.25078
487678.00	3653355.20	59.50559	487703.00	3653355.20	63.30249
487728.00	3653355.20	67.08105	487753.00	3653355.20	70.59620
487778.00	3653355.20	74.53428	487803.00	3653355.20	78.14021
487828.00	3653355.20	81.71150	487853.00	3653355.20	84.10516
487878.00	3653355.20	85.21015	487903.00	3653355.20	85.68261
487928.00	3653355.20	84.98775	487953.00	3653355.20	81.61277
487978.00	3653355.20	78.32936	488003.00	3653355.20	74.96082
488028.00	3653355.20	71.53872	488053.00	3653355.20	68.21811
488078.00	3653355.20	65.10908	488103.00	3653355.20	62.28734
488128.00	3653355.20	59.02540	488153.00	3653355.20	56.01792
488178.00	3653355.20	53.60126	488203.00	3653355.20	51.83885
488228.00	3653355.20	50.83017	487603.00	3653380.20	59.48475
487628.00	3653380.20	61.37324	487653.00	3653380.20	64.52578
487678.00	3653380.20	69.04672	487703.00	3653380.20	74.36595
487728.00	3653380.20	80.03228	487753.00	3653380.20	85.88145
487778.00	3653380.20	91.88435	487803.00	3653380.20	97.46399
487828.00	3653380.20	102.96868	487853.00	3653380.20	107.13817
487878.00	3653380.20	108.92658	487903.00	3653380.20	108.34239
487928.00	3653380.20	107.09792	487953.00	3653380.20	103.16507
487978.00	3653380.20	98.74369	488003.00	3653380.20	94.14315
488028.00	3653380.20	89.54506	488053.00	3653380.20	85.04519
488078.00	3653380.20	80.29584	488103.00	3653380.20	76.69847
488128.00	3653380.20	72.51650	488153.00	3653380.20	68.15019
488178.00	3653380.20	64.70813	488203.00	3653380.20	62.71228
488228.00	3653380.20	60.99713	487603.00	3653405.20	65.06088
487628.00	3653405.20	69.30355	487653.00	3653405.20	74.25018
487678.00	3653405.20	80.72317	487703.00	3653405.20	88.62310
487728.00	3653405.20	97.75483	487753.00	3653405.20	107.74888
487778.00	3653405.20	117.52183	487803.00	3653405.20	126.84415
487828.00	3653405.20	135.94615	487853.00	3653405.20	142.07139
487878.00	3653405.20	144.11722	487903.00	3653405.20	143.43888
487928.00	3653405.20	141.33432	487953.00	3653405.20	135.82698
487978.00	3653405.20	128.60572	488003.00	3653405.20	121.60214
488028.00	3653405.20	115.15475	488053.00	3653405.20	108.95840
488078.00	3653405.20	102.93734	488103.00	3653405.20	97.33048
488128.00	3653405.20	91.48182	488153.00	3653405.20	85.66350

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA

*** AERMET - VERSION 19191 *** ***

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*** MODELPTs: RegFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
488178.00	3653405.20	80.81006	488203.00	3653405.20	77.40784
488228.00	3653405.20	74.77110	487603.00	3653430.20	70.92351
487628.00	3653430.20	77.75600	487653.00	3653430.20	85.48652
487678.00	3653430.20	95.18229	487703.00	3653430.20	107.16272
487728.00	3653430.20	121.82807	487753.00	3653430.20	139.35363
487778.00	3653430.20	156.41677	487803.00	3653430.20	173.48288
487828.00	3653430.20	189.00572	487853.00	3653430.20	198.77707
487878.00	3653430.20	201.73600	487903.00	3653430.20	200.82735
487928.00	3653430.20	197.52106	487953.00	3653430.20	187.36046
487978.00	3653430.20	174.89734	488003.00	3653430.20	163.61779
488028.00	3653430.20	154.08719	488053.00	3653430.20	145.58392
488078.00	3653430.20	137.07106	488103.00	3653430.20	128.07393
488128.00	3653430.20	118.84197	488153.00	3653430.20	110.86086
488178.00	3653430.20	104.12833	488203.00	3653430.20	98.28278
488228.00	3653430.20	93.71948	487603.00	3653455.20	77.55996
487628.00	3653455.20	86.90166	487653.00	3653455.20	98.25055
487678.00	3653455.20	112.74431	487703.00	3653455.20	131.37952
487728.00	3653455.20	155.63528	487753.00	3653455.20	186.83854
487778.00	3653455.20	218.25743	487803.00	3653455.20	253.55222
487828.00	3653455.20	284.69795	487853.00	3653455.20	302.16760
487878.00	3653455.20	304.66457	487903.00	3653455.20	302.33174
487928.00	3653455.20	296.58782	487953.00	3653455.20	274.27279
487978.00	3653455.20	252.35999	488003.00	3653455.20	232.94295
488028.00	3653455.20	216.54503	488053.00	3653455.20	202.37156
488078.00	3653455.20	188.04519	488103.00	3653455.20	174.05449
488128.00	3653455.20	159.19850	488153.00	3653455.20	146.96545
488178.00	3653455.20	136.66313	488203.00	3653455.20	127.03020
488228.00	3653455.20	118.78963	487603.00	3653480.20	85.13605
487628.00	3653480.20	97.05000	487653.00	3653480.20	112.50370
487678.00	3653480.20	133.09787	487703.00	3653480.20	162.04931
487728.00	3653480.20	203.45718	487753.00	3653480.20	259.24769
487778.00	3653480.20	320.81297	487803.00	3653480.20	407.36883
487828.00	3653480.20	502.41769	487853.00	3653480.20	536.69487
487878.00	3653480.20	519.37405	487903.00	3653480.20	508.37608
487928.00	3653480.20	483.08242	487953.00	3653480.20	432.97004

487978.00	3653480.20	390.72538	488003.00	3653480.20	353.15778
488028.00	3653480.20	318.94924	488053.00	3653480.20	289.00036
488078.00	3653480.20	263.52205	488103.00	3653480.20	241.14232
488128.00	3653480.20	218.25220	488153.00	3653480.20	197.71721
488178.00	3653480.20	179.77769	488203.00	3653480.20	163.87074

*** AERMOD - VERSION 23132 ***	*** Cambridge School HRA	***	06/11/24
*** AERMET - VERSION 19191 ***		***	12:50:10
			PAGE 38

*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: ALL			***
INCLUDING SOURCE(S):						
	VOL1	VOL2		VOL3	VOL4	VOL5
VOL6	VOL7	VOL8	VOL9	VOL10	VOL11	VOL12
VOL14	VOL15	VOL16	VOL17	VOL18	VOL19	VOL20
VOL22	VOL23	VOL24	VOL25	VOL26	VOL27	VOL28

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
488228.00	3653480.20	149.99466	487603.00	3653505.20	92.91007
487628.00	3653505.20	108.40263	487653.00	3653505.20	128.50392
487678.00	3653505.20	155.29595	487703.00	3653505.20	194.82548
487728.00	3653505.20	256.00102	487753.00	3653505.20	348.52352
487778.00	3653505.20	482.35395	487803.00	3653505.20	713.52435
487828.00	3653505.20	1185.25589	487853.00	3653505.20	1362.09741
487878.00	3653505.20	1165.40400	487903.00	3653505.20	998.93230
487928.00	3653505.20	860.00525	487953.00	3653505.20	747.45893
487978.00	3653505.20	643.45925	488003.00	3653505.20	555.98324
488028.00	3653505.20	484.41090	488053.00	3653505.20	426.01946
488078.00	3653505.20	378.20527	488103.00	3653505.20	333.85351
488128.00	3653505.20	296.27710	488153.00	3653505.20	264.22244
488178.00	3653505.20	235.40536	488203.00	3653505.20	209.13694
488228.00	3653505.20	187.97824	487603.00	3653530.20	99.94133
487628.00	3653530.20	118.50796	487653.00	3653530.20	143.29273
487678.00	3653530.20	178.68299	487703.00	3653530.20	231.85475
487728.00	3653530.20	316.81717	487753.00	3653530.20	462.99681
487778.00	3653530.20	731.60759	487803.00	3653530.20	1399.20755
487828.00	3653530.20	2729.25558	487903.00	3653530.20	2128.59670
487928.00	3653530.20	1735.87686	487953.00	3653530.20	1432.86697
487978.00	3653530.20	1182.91447	488003.00	3653530.20	954.24993
488028.00	3653530.20	775.61507	488053.00	3653530.20	645.25691
488078.00	3653530.20	544.33080	488103.00	3653530.20	466.90867
488128.00	3653530.20	403.77737	488153.00	3653530.20	350.54410
488178.00	3653530.20	304.36816	488203.00	3653530.20	264.36116
488228.00	3653530.20	231.91062	487603.00	3653555.20	105.35896
487628.00	3653555.20	126.50913	487653.00	3653555.20	155.40455
487678.00	3653555.20	198.09820	487703.00	3653555.20	265.26096
487728.00	3653555.20	377.11738	487753.00	3653555.20	578.16356
487778.00	3653555.20	1036.84686	487803.00	3653555.20	2526.17193
487953.00	3653555.20	3181.17417	487978.00	3653555.20	2413.37216
488003.00	3653555.20	1752.92323	488028.00	3653555.20	1305.80924
488053.00	3653555.20	1006.88905	488078.00	3653555.20	798.28510
488103.00	3653555.20	653.63058	488128.00	3653555.20	539.72845
488153.00	3653555.20	451.06319	488178.00	3653555.20	381.54047
488203.00	3653555.20	325.55743	488228.00	3653555.20	279.30461
487603.00	3653580.20	108.35287	487628.00	3653580.20	132.09016
487653.00	3653580.20	164.77322	487678.00	3653580.20	212.54479
487703.00	3653580.20	289.71539	487728.00	3653580.20	423.50300
487753.00	3653580.20	673.47802	487778.00	3653580.20	1287.45051

*** AERMOD - VERSION 23132 ***	*** Cambridge School HRA	***	06/11/24
*** AERMET - VERSION 19191 ***		***	12:50:10
			PAGE 39

*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION			VALUES FOR SOURCE GROUP: ALL			***
INCLUDING SOURCE(S):						
	VOL1	VOL2		VOL3	VOL4	VOL5
VOL6	VOL7	VOL8	VOL9	VOL10	VOL11	VOL12
VOL14	VOL15	VOL16	VOL17	VOL18	VOL19	VOL20
VOL22	VOL23	VOL24	VOL25	VOL26	VOL27	VOL28

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
487803.00	3653580.20	3246.14649	488003.00	3653580.20	3648.28894
488028.00	3653580.20	2195.37643	488053.00	3653580.20	1495.33286
488078.00	3653580.20	1103.26316	488103.00	3653580.20	855.24002
488128.00	3653580.20	682.82512	488153.00	3653580.20	555.45617
488178.00	3653580.20	458.96057	488203.00	3653580.20	384.85030
488228.00	3653580.20	325.00835	487603.00	3653605.20	109.61119
487628.00	3653605.20	134.86788	487653.00	3653605.20	170.39732
487678.00	3653605.20	222.09712	487703.00	3653605.20	304.41996
487728.00	3653605.20	447.84632	487753.00	3653605.20	726.82730
487778.00	3653605.20	1399.65180	488003.00	3653605.20	5073.88050
488028.00	3653605.20	2972.54072	488053.00	3653605.20	1930.66782
488078.00	3653605.20	1369.95461	488103.00	3653605.20	1029.12004
488128.00	3653605.20	804.56975	488153.00	3653605.20	646.00473
488178.00	3653605.20	525.43829	488203.00	3653605.20	434.21211
488228.00	3653605.20	363.78851	487603.00	3653630.20	110.17693
487628.00	3653630.20	135.01293	487653.00	3653630.20	171.06313
487678.00	3653630.20	225.02761	487703.00	3653630.20	307.70696
487728.00	3653630.20	446.68316	487753.00	3653630.20	724.06592
487778.00	3653630.20	1394.96805	488003.00	3653630.20	5477.38030
488028.00	3653630.20	3296.80862	488053.00	3653630.20	2158.67790
488078.00	3653630.20	1524.75178	488103.00	3653630.20	1136.75986
488128.00	3653630.20	882.08485	488153.00	3653630.20	705.45883

488178.00	3653630.20	570.22035	488203.00	3653630.20	467.84655
488228.00	3653630.20	391.75352	487603.00	3653655.20	109.32697
487628.00	3653655.20	134.41848	487653.00	3653655.20	167.34304
487678.00	3653655.20	213.03374	487703.00	3653655.20	284.39193
487728.00	3653655.20	409.02417	487753.00	3653655.20	656.74806
487778.00	3653655.20	1269.44855	488003.00	3653655.20	5205.74045
488028.00	3653655.20	3180.76268	488053.00	3653655.20	2125.40398
488078.00	3653655.20	1524.90554	488103.00	3653655.20	1149.45137
488128.00	3653655.20	898.57121	488153.00	3653655.20	723.29596
488178.00	3653655.20	588.50544	488203.00	3653655.20	484.51185
488228.00	3653655.20	407.67780	487603.00	3653680.20	108.77780
487628.00	3653680.20	129.80198	487653.00	3653680.20	158.59102
487678.00	3653680.20	197.18547	487703.00	3653680.20	257.88249
487728.00	3653680.20	364.33395	487753.00	3653680.20	566.55127
487778.00	3653680.20	994.96051	488003.00	3653680.20	3915.94653
488028.00	3653680.20	2600.10827	488053.00	3653680.20	1839.27486
488078.00	3653680.20	1376.43303	488103.00	3653680.20	1069.49816
488128.00	3653680.20	853.29805	488153.00	3653680.20	697.67327

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24

*** AERMET - VERSION 19191 *** *** 12:50:10

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 40

		*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL		***	
		INCLUDING SOURCE(S):					
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
488178.00	3653680.20	576.33763	488203.00	3653680.20	480.66070	
488228.00	3653680.20	407.31937	487603.00	3653705.20	103.67901	
487628.00	3653705.20	122.22173	487653.00	3653705.20	146.17310	
487678.00	3653705.20	179.38788	487703.00	3653705.20	230.27859	
487728.00	3653705.20	312.05582	487753.00	3653705.20	445.48173	
487778.00	3653705.20	673.83042	487803.00	3653705.20	1079.85524	
487828.00	3653705.20	1587.63280	487853.00	3653705.20	2045.32362	
487878.00	3653705.20	2379.67037	487903.00	3653705.20	2585.85319	
487928.00	3653705.20	2672.60230	487953.00	3653705.20	2651.20014	
487978.00	3653705.20	2472.40439	488003.00	3653705.20	2143.95648	
488028.00	3653705.20	1761.15806	488053.00	3653705.20	1409.19085	
488078.00	3653705.20	1132.94070	488103.00	3653705.20	922.75583	
488128.00	3653705.20	761.41191	488153.00	3653705.20	637.10356	
488178.00	3653705.20	538.92132	488203.00	3653705.20	458.36833	
488228.00	3653705.20	394.28440	487603.00	3653730.20	98.08207	
487628.00	3653730.20	112.79277	487653.00	3653730.20	132.72817	
487678.00	3653730.20	160.42228	487703.00	3653730.20	200.48441	
487728.00	3653730.20	258.97645	487753.00	3653730.20	342.84885	
487778.00	3653730.20	466.28850	487803.00	3653730.20	640.42367	
487828.00	3653730.20	837.94566	487853.00	3653730.20	1033.46781	
487878.00	3653730.20	1201.48786	487903.00	3653730.20	1327.28316	
487928.00	3653730.20	1402.65660	487953.00	3653730.20	1417.34323	
487978.00	3653730.20	1374.49811	488003.00	3653730.20	1282.08513	
488028.00	3653730.20	1156.85675	488053.00	3653730.20	1016.24187	
488078.00	3653730.20	878.08945	488103.00	3653730.20	753.54595	
488128.00	3653730.20	646.96080	488153.00	3653730.20	557.36954	
488178.00	3653730.20	483.27892	488203.00	3653730.20	420.76980	
488228.00	3653730.20	368.33149	487603.00	3653755.20	92.19569	
487628.00	3653755.20	103.13952	487653.00	3653755.20	119.56677	
487678.00	3653755.20	141.75886	487703.00	3653755.20	171.75844	
487728.00	3653755.20	212.47369	487753.00	3653755.20	267.59354	
487778.00	3653755.20	339.24520	487803.00	3653755.20	430.71549	
487828.00	3653755.20	527.45176	487853.00	3653755.20	624.56048	
487878.00	3653755.20	714.58930	487903.00	3653755.20	788.79400	
487928.00	3653755.20	838.82012	487953.00	3653755.20	860.94288	
487978.00	3653755.20	857.65910	488003.00	3653755.20	832.54964	
488028.00	3653755.20	788.64952	488053.00	3653755.20	730.56054	
488078.00	3653755.20	665.02389	488103.00	3653755.20	597.15764	
488128.00	3653755.20	532.55265	488153.00	3653755.20	473.38923	
488178.00	3653755.20	420.44294	488203.00	3653755.20	374.28909	

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24

*** AERMET - VERSION 19191 *** *** 12:50:10

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 41

		*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL		***	
		INCLUDING SOURCE(S):					
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM	IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
488228.00	3653755.20	333.97749	487603.00	3653780.20	84.49330	
487628.00	3653780.20	94.35708	487653.00	3653780.20	107.13657	
487678.00	3653780.20	124.42284	487703.00	3653780.20	146.63286	
487728.00	3653780.20	175.24177	487753.00	3653780.20	212.60866	
487778.00	3653780.20	255.85797	487803.00	3653780.20	308.78561	
487828.00	3653780.20	363.87855	487853.00	3653780.20	419.48953	
487878.00	3653780.20	472.66468	487903.00	3653780.20	515.56517	
487928.00	3653780.20	548.71682	487953.00	3653780.20	569.63439	
487978.00	3653780.20	576.29591	488003.00	3653780.20	572.42055	

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:50:10
                                     PAGE 44

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*** MODELOPTs:  ReqDFault  CONC  ELEV  FLGPOL  RURAL  SigA Data
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*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL					***
INCLUDING SOURCE(S):		VOL1	VOL2	VOL3	VOL4	VOL5	
VOL6	, VOL7	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13	
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM	IN MICROGRAMS/M**3		**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
488053.00	3653255.20	35.63695	488103.00	3653255.20	32.98347
488153.00	3653255.20	31.01825	488203.00	3653255.20	30.08077
488253.00	3653255.20	29.28644	488303.00	3653255.20	28.15038
488353.00	3653255.20	27.13590	488403.00	3653255.20	25.61006
488453.00	3653255.20	24.47278	487353.00	3653305.20	26.71689
487403.00	3653305.20	29.39744	487453.00	3653305.20	31.77317
487503.00	3653305.20	36.05719	487553.00	3653305.20	40.29831
487603.00	3653305.20	41.04072	487653.00	3653305.20	43.43862
487703.00	3653305.20	47.32413	487753.00	3653305.20	51.03770
487803.00	3653305.20	54.75280	487853.00	3653305.20	56.77789
487903.00	3653305.20	57.35519	487953.00	3653305.20	55.53494
488003.00	3653305.20	51.68300	488053.00	3653305.20	47.22520
488103.00	3653305.20	42.78871	488153.00	3653305.20	39.57529
488203.00	3653305.20	37.85951	488253.00	3653305.20	36.88548
488303.00	3653305.20	35.33606	488353.00	3653305.20	34.06405
488403.00	3653305.20	32.84697	488453.00	3653305.20	31.80051
487353.00	3653355.20	29.24614	487403.00	3653355.20	32.52842
487453.00	3653355.20	36.30240	487503.00	3653355.20	41.75844
487553.00	3653355.20	47.91043	488253.00	3653355.20	49.96575
488303.00	3653355.20	48.02917	488353.00	3653355.20	46.48406
488403.00	3653355.20	44.47847	488453.00	3653355.20	42.56450
487353.00	3653405.20	31.54064	487403.00	3653405.20	35.69250
487453.00	3653405.20	40.50322	487503.00	3653405.20	46.76077
487553.00	3653405.20	54.16566	488253.00	3653405.20	72.74949
488303.00	3653405.20	68.29088	488353.00	3653405.20	64.41303
488403.00	3653405.20	60.94741	488453.00	3653405.20	56.79965
487353.00	3653455.20	33.47371	487403.00	3653455.20	38.45312
487453.00	3653455.20	44.49380	487503.00	3653455.20	52.45133
487553.00	3653455.20	62.78644	488253.00	3653455.20	111.76756
488303.00	3653455.20	100.71921	488353.00	3653455.20	91.29892
488403.00	3653455.20	83.08098	488453.00	3653455.20	74.53316
487353.00	3653505.20	34.97079	487403.00	3653505.20	40.82995
487453.00	3653505.20	48.02241	487503.00	3653505.20	57.80763
487553.00	3653505.20	71.98379	488253.00	3653505.20	170.41115
488303.00	3653505.20	143.46069	488353.00	3653505.20	123.61083
488403.00	3653505.20	100.97183	488453.00	3653505.20	95.35590
487353.00	3653555.20	36.58799	487403.00	3653555.20	42.60340
487453.00	3653555.20	50.34477	487503.00	3653555.20	61.81356
487553.00	3653555.20	78.49509	488253.00	3653555.20	242.60518
488303.00	3653555.20	193.79962	488353.00	3653555.20	160.04055

*** AERMOD - VERSION 23132 ***
*** AERMET - VERSION 19191 ***

*** Cambridge School HRA

*** 06/11/24
*** 12:50:10
*** PAGE 45

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM			IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC			
488403.00	365355.20	136.30521	488453.00	365355.20	116.36715			
487353.00	3653605.20	37.02977	487403.00	3653605.20	43.72762			
487453.00	3653605.20	51.65239	487503.00	3653605.20	63.89044			
487553.00	3653605.20	81.17667	488253.00	3653605.20	311.66495			
488303.00	3653605.20	242.12225	488353.00	3653605.20	195.08185			
488403.00	3653605.20	160.54128	488453.00	3653605.20	134.34644			
487353.00	3653655.20	37.20658	487403.00	3653655.20	44.50957			
487453.00	3653655.20	53.05068	487503.00	3653655.20	64.61365			
487553.00	3653655.20	81.34072	488253.00	3653655.20	350.40560			
488303.00	3653655.20	269.54491	488353.00	3653655.20	215.14579			
488403.00	3653655.20	175.34301	488453.00	3653655.20	145.18251			
487353.00	3653705.20	36.70451	487403.00	3653705.20	43.80241			
487453.00	3653705.20	52.79541	487503.00	3653705.20	63.04757			
487553.00	3653705.20	78.74125	488253.00	3653705.20	343.73150			
488303.00	3653705.20	269.72143	488353.00	3653705.20	216.27888			
488403.00	3653705.20	176.79262	488453.00	3653705.20	147.21703			
487353.00	3653755.20	35.28844	487403.00	3653755.20	41.54837			
487453.00	3653755.20	49.80733	487503.00	3653755.20	60.03909			
487553.00	3653755.20	73.75957	488253.00	3653755.20	299.37820			
488303.00	3653755.20	242.97248	488353.00	3653755.20	200.14010			
488403.00	3653755.20	167.15055	488453.00	3653755.20	141.38649			
487353.00	3653805.20	32.97255	487403.00	3653805.20	38.17139			
487453.00	3653805.20	44.79893	487503.00	3653805.20	53.55073			
487553.00	3653805.20	65.13591	488253.00	3653805.20	239.58933			
488303.00	3653805.20	204.19785	488353.00	3653805.20	174.49323			
488403.00	3653805.20	149.88912	488453.00	3653805.20	129.60224			
487353.00	3653855.20	30.07903	487403.00	3653855.20	34.20868			
487453.00	3653855.20	39.40577	487503.00	3653855.20	46.07039			
487553.00	3653855.20	54.78865	488253.00	3653855.20	184.42168			
488303.00	3653855.20	164.61547	488353.00	3653855.20	146.11472			
488403.00	3653855.20	129.47543	488453.00	3653855.20	114.86034			
487353.00	3653905.20	26.98743	487403.00	3653905.20	30.29491			
487453.00	3653905.20	34.36300	487503.00	3653905.20	39.46371			
487553.00	3653905.20	45.84743	488253.00	3653905.20	140.62178			
488303.00	3653905.20	130.46202	488353.00	3653905.20	119.83263			
488403.00	3653905.20	109.39994	488453.00	3653905.20	99.55341			
487353.00	3653955.20	24.13221	487403.00	3653955.20	26.81048			
487453.00	3653955.20	30.04629	487503.00	3653955.20	33.95949			
487553.00	3653955.20	38.59388	487603.00	3653955.20	44.13795			
487653.00	3653955.20	50.62795	487703.00	3653955.20	58.06968			

*** AERMOD - VERSION 23132 ***
*** AERMET - VERSION 19191 ***

*** Cambridge School HRA

*** 06/11/24
*** 12:50:10
*** PAGE 46

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM			IN MICROGRAMS/M**3			**		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC			
487753.00	3653955.20	66.29015	487803.00	3653955.20	74.89909			
487853.00	3653955.20	83.37011	487903.00	3653955.20	91.25933			
487953.00	3653955.20	98.26989	488003.00	3653955.20	104.14315			
488053.00	3653955.20	108.61398	488103.00	3653955.20	111.46490			
488153.00	3653955.20	112.33920	488203.00	3653955.20	111.10780			
488253.00	3653955.20	107.95591	488303.00	3653955.20	103.29539			
488353.00	3653955.20	97.62871	488403.00	3653955.20	91.46871			
488453.00	3653955.20	85.19624	487353.00	3654005.20	21.66087			
487403.00	3654005.20	23.86174	487453.00	3654005.20	26.42943			
487503.00	3654005.20	29.37662	487553.00	3654005.20	32.80800			
487603.00	3654005.20	36.73055	487653.00	3654005.20	41.20795			
487703.00	3654005.20	46.18018	487753.00	3654005.20	51.60182			
487803.00	3654005.20	57.08128	487853.00	3654005.20	62.42804			
487903.00	3654005.20	67.47755	487953.00	3654005.20	72.06662			
488003.00	3654005.20	76.10543	488053.00	3654005.20	79.50960			
488103.00	3654005.20	82.19011	488153.00	3654005.20	83.95435			
488203.00	3654005.20	84.62179	488253.00	3654005.20	84.07862			
488303.00	3654005.20	82.39534	488353.00	3654005.20	79.71727			
488403.00	3654005.20	76.35867	488453.00	3654005.20	72.56897			
487353.00	3654055.20	19.54654	487403.00	3654055.20	21.30078			
487453.00	3654055.20	23.30208	487503.00	3654055.20	25.55741			
487553.00	3654055.20	28.15261	487603.00	3654055.20	30.99652			
487653.00	3654055.20	34.18663	487703.00	3654055.20	37.75838			
487753.00	3654055.20	41.50164	487803.00	3654055.20	45.17790			
487853.00	3654055.20	48.77829	487903.00	3654055.20	51.80755			
487953.00	3654055.20	55.36548	488003.00	3654055.20	58.22983			
488053.00	3654055.20	60.78112	488103.00	3654055.20	63.00334			
488153.00	3654055.20	64.81984	488203.00	3654055.20	66.07272			

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488253.00 3654055.20 66.63062 488303.00 3654055.20 66.47797
488353.00 3654055.20 65.55177 488403.00 3654055.20 63.95332
488453.00 3654055.20 61.85051 487353.00 3654105.20 17.71265
487403.00 3654105.20 19.14002 487453.00 3654105.20 20.69203
487503.00 3654105.20 22.40906 487553.00 3654105.20 24.44161
487603.00 3654105.20 26.59943 487653.00 3654105.20 29.01672
487703.00 3654105.20 31.72616 487753.00 3654105.20 33.63579
487803.00 3654105.20 36.46197 487853.00 3654105.20 38.84123
487903.00 3654105.20 41.04552 487953.00 3654105.20 44.10724
488003.00 3654105.20 46.14875 488053.00 3654105.20 48.11102
488103.00 3654105.20 49.93729 488153.00 3654105.20 51.52652
488203.00 3654105.20 52.85444 488253.00 3654105.20 53.82426

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:50:10
***                                     PAGE 47

*** MODELOPTs:  RegDEFAULT CONC ELEV FLGPOL RURAL SigA Data
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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):  VOL1      , VOL2      , VOL3      , VOL4      , VOL5      ,
VOL6      , VOL7      , VOL8      , VOL9      , VOL10     , VOL11     , VOL12     , VOL13     ,
VOL14     , VOL15     , VOL16     , VOL17     , VOL18     , VOL19     , VOL20     , VOL21     ,
VOL22     , VOL23     , VOL24     , VOL25     , VOL26     , VOL27     , VOL28     , . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
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488303.00 3654105.20 54.39901 488353.00 3654105.20 54.42656
488403.00 3654105.20 53.88715 488453.00 3654105.20 52.87664
487353.00 3654155.20 16.31304 487403.00 3654155.20 17.45669
487453.00 3654155.20 18.62822 487503.00 3654155.20 19.94124
487553.00 3654155.20 21.45514 487603.00 3654155.20 23.14152
487653.00 3654155.20 25.02454 487703.00 3654155.20 27.02008
487753.00 3654155.20 28.90404 487803.00 3654155.20 30.63443
487853.00 3654155.20 31.42156 487903.00 3654155.20 34.43977
487953.00 3654155.20 36.04019 488003.00 3654155.20 37.61331
488053.00 3654155.20 39.19517 488103.00 3654155.20 40.70146
488153.00 3654155.20 42.06683 488203.00 3654155.20 43.27879
488253.00 3654155.20 44.33587 488303.00 3654155.20 45.17541
488353.00 3654155.20 45.59452 488403.00 3654155.20 45.74012
488453.00 3654155.20 45.44886 48853.00 3652605.20 6.81127
486953.00 3652605.20 6.51652 487053.00 3652605.20 6.68553
487153.00 3652605.20 6.65804 487253.00 3652605.20 6.87937
487353.00 3652605.20 7.48275 487453.00 3652605.20 7.67282
487553.00 3652605.20 7.56381 487653.00 3652605.20 7.56825
487753.00 3652605.20 8.17957 487853.00 3652605.20 8.33320
487953.00 3652605.20 8.30653 488053.00 3652605.20 7.85626
488153.00 3652605.20 8.12706 488253.00 3652605.20 7.89429
488353.00 3652605.20 7.32563 488453.00 3652605.20 6.81300
488553.00 3652605.20 6.65701 488653.00 3652605.20 6.03435
488753.00 3652605.20 5.42661 488853.00 3652605.20 5.11106
488953.00 3652605.20 4.91781 486853.00 3652705.20 7.45888
486953.00 3652705.20 7.61502 487053.00 3652705.20 7.78387
487153.00 3652705.20 7.69842 487253.00 3652705.20 7.77178
487353.00 3652705.20 8.20251 487453.00 3652705.20 8.64464
487553.00 3652705.20 9.04003 487653.00 3652705.20 8.89302
487753.00 3652705.20 9.18408 487853.00 3652705.20 9.67578
487953.00 3652705.20 9.07514 488053.00 3652705.20 8.89438
488153.00 3652705.20 9.01360 488253.00 3652705.20 9.22114
488353.00 3652705.20 8.23794 488453.00 3652705.20 7.47364
488553.00 3652705.20 7.05334 488653.00 3652705.20 6.45954
488753.00 3652705.20 6.03570 488853.00 3652705.20 5.64478
488953.00 3652705.20 5.44814 486853.00 3652805.20 8.63663
486953.00 3652805.20 8.98408 487053.00 3652805.20 8.84822
487153.00 3652805.20 9.17528 487253.00 3652805.20 9.13192
487353.00 3652805.20 9.42611 487453.00 3652805.20 10.29258
487553.00 3652805.20 10.45197 487653.00 3652805.20 10.99679
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*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:50:10
***                                     PAGE 48

*** MODELOPTs:  RegDEFAULT CONC ELEV FLGPOL RURAL SigA Data
```

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*** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):  VOL1      , VOL2      , VOL3      , VOL4      , VOL5      ,
VOL6      , VOL7      , VOL8      , VOL9      , VOL10     , VOL11     , VOL12     , VOL13     ,
VOL14     , VOL15     , VOL16     , VOL17     , VOL18     , VOL19     , VOL20     , VOL21     ,
VOL22     , VOL23     , VOL24     , VOL25     , VOL26     , VOL27     , VOL28     , . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
487753.00 3652805.20 10.77460 487853.00 3652805.20 11.35188
487953.00 3652805.20 11.03604 488053.00 3652805.20 10.37150
488153.00 3652805.20 10.11427 488253.00 3652805.20 9.87632
488353.00 3652805.20 9.38885 488453.00 3652805.20 8.26475
488553.00 3652805.20 7.58948 488653.00 3652805.20 7.08172
488753.00 3652805.20 6.69572 488853.00 3652805.20 6.42091
488953.00 3652805.20 6.20697 486853.00 3652905.20 9.61518
486953.00 3652905.20 10.22261 487053.00 3652905.20 10.51149
487153.00 3652905.20 11.12116 487253.00 3652905.20 10.90776
487353.00 3652905.20 10.95736 487453.00 3652905.20 11.70111
487553.00 3652905.20 12.82063 487653.00 3652905.20 12.80327
487753.00 3652905.20 13.78349 487853.00 3652905.20 13.65077
487953.00 3652905.20 14.11064 488053.00 3652905.20 13.19649
488153.00 3652905.20 12.20227 488253.00 3652905.20 11.01226
488353.00 3652905.20 10.22295 488453.00 3652905.20 9.38956
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488553.00	3652905.20	8.63335	488653.00	3652905.20	8.11519
488753.00	3652905.20	7.77361	488853.00	3652905.20	7.51649
488953.00	3652905.20	7.27245	486853.00	3653005.20	10.89400
486953.00	3653005.20	11.61972	487053.00	3653005.20	12.39852
487153.00	3653005.20	13.06652	487253.00	3653005.20	13.04822
487353.00	3653005.20	13.65364	487453.00	3653005.20	14.34816
487553.00	3653005.20	15.97525	487653.00	3653005.20	15.62687
487753.00	3653005.20	16.51145	487853.00	3653005.20	17.88746
487953.00	3653005.20	18.24054	488053.00	3653005.20	17.60064
488153.00	3653005.20	15.54615	488253.00	3653005.20	13.66944
488353.00	3653005.20	12.12696	488453.00	3653005.20	11.01169
488553.00	3653005.20	10.32634	488653.00	3653005.20	9.75169
488753.00	3653005.20	9.42294	488853.00	3653005.20	9.16932
488953.00	3653005.20	8.77162	486853.00	3653105.20	12.00625
486953.00	3653105.20	13.04500	487053.00	3653105.20	14.16867
487153.00	3653105.20	15.27093	487253.00	3653105.20	16.42688
488553.00	3653105.20	13.13708	488653.00	3653105.20	12.46508
488753.00	3653105.20	12.03357	488853.00	3653105.20	11.70372
488953.00	3653105.20	11.00827	486853.00	3653205.20	12.59312
486953.00	3653205.20	14.18225	487053.00	3653205.20	15.92857
487153.00	3653205.20	17.56224	487253.00	3653205.20	19.54324
488553.00	3653205.20	18.18004	488653.00	3653205.20	17.23875
488753.00	3653205.20	16.53511	488853.00	3653205.20	15.65755
488953.00	3653205.20	14.46745	486853.00	3653305.20	13.35225
486953.00	3653305.20	15.20020	487053.00	3653305.20	17.27747

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
 *** AERMET - VERSION 19191 *** *** *** 12:50:10
 *** MODELOPTS: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 49

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***									
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,									
VOL6 ,	VOL7 ,	VOL8 ,	VOL9 ,	VOL10 ,	VOL11 ,	VOL12 ,	VOL13 ,		
VOL14 ,	VOL15 ,	VOL16 ,	VOL17 ,	VOL18 ,	VOL19 ,	VOL20 ,	VOL21 ,		
VOL22 ,	VOL23 ,	VOL24 ,	VOL25 ,	VOL26 ,	VOL27 ,	VOL28 ,	. . . ,		

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
487153.00	3653305.20	19.60602	487253.00	3653305.20	22.53346
488553.00	3653305.20	29.17644	488653.00	3653305.20	26.34306
488753.00	3653305.20	24.42141	488853.00	3653305.20	22.35893
488953.00	3653305.20	20.15998	486853.00	3653405.20	13.47100
486953.00	3653405.20	15.47066	487053.00	3653405.20	17.80051
487153.00	3653405.20	20.97397	487253.00	3653405.20	25.23363
488553.00	3653405.20	48.35065	488653.00	3653405.20	41.36301
488753.00	3653405.20	35.84737	488853.00	3653405.20	31.23324
488953.00	3653405.20	27.32235	486853.00	3653505.20	13.00463
486953.00	3653505.20	15.15519	487053.00	3653505.20	17.60587
487153.00	3653505.20	21.42282	487253.00	3653505.20	27.04859
488553.00	3653505.20	74.22577	488653.00	3653505.20	59.35694
488753.00	3653505.20	48.67912	488853.00	3653505.20	40.64950
488953.00	3653505.20	34.44513	486853.00	3653605.20	13.18216
486953.00	3653605.20	15.16073	487053.00	3653605.20	17.87171
487153.00	3653605.20	21.82214	487253.00	3653605.20	27.32795
488553.00	3653605.20	97.83261	488653.00	3653605.20	74.83966
488753.00	3653605.20	59.40379	488853.00	3653605.20	48.15796
488953.00	3653605.20	40.30863	486853.00	3653705.20	13.25219
486953.00	3653705.20	15.22558	487053.00	3653705.20	18.23448
487153.00	3653705.20	21.83016	487253.00	3653705.20	27.25239
488553.00	3653705.20	106.88345	488653.00	3653705.20	81.50899
488753.00	3653705.20	63.98287	488853.00	3653705.20	52.35941
488953.00	3653705.20	43.78381	486853.00	3653805.20	13.13473
486953.00	3653805.20	15.03577	487053.00	3653805.20	17.92623
487153.00	3653805.20	21.00113	487253.00	3653805.20	25.56248
488553.00	3653805.20	99.09506	488653.00	3653805.20	78.09916
488753.00	3653805.20	63.07739	488853.00	3653805.20	52.26652
488953.00	3653805.20	44.12584	486853.00	3653905.20	12.92753
486953.00	3653905.20	14.60692	487053.00	3653905.20	16.48765
487153.00	3653905.20	18.83451	487253.00	3653905.20	22.04497
488553.00	3653905.20	82.29924	488653.00	3653905.20	68.44956
488753.00	3653905.20	57.55594	488853.00	3653905.20	49.00593
488953.00	3653905.20	42.25261	486853.00	3654005.20	11.62955
486953.00	3654005.20	13.04119	487053.00	3654005.20	14.47755
487153.00	3654005.20	16.09890	487253.00	3654005.20	18.30349
488553.00	3654005.20	64.61085	488653.00	3654005.20	56.92743
488753.00	3654005.20	50.00701	488853.00	3654005.20	44.02651
488953.00	3654005.20	38.92544	486853.00	3654105.20	10.45297
486953.00	3654105.20	11.30104	487053.00	3654105.20	12.33525

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
 *** AERMET - VERSION 19191 *** *** *** 12:50:10
 *** MODELOPTS: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 50

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***									
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,									
VOL6 ,	VOL7 ,	VOL8 ,	VOL9 ,	VOL10 ,	VOL11 ,	VOL12 ,	VOL13 ,		
VOL14 ,	VOL15 ,	VOL16 ,	VOL17 ,	VOL18 ,	VOL19 ,	VOL20 ,	VOL21 ,		
VOL22 ,	VOL23 ,	VOL24 ,	VOL25 ,	VOL26 ,	VOL27 ,	VOL28 ,	. . . ,		

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
487153.00	3654105.20	13.66934	487253.00	3654105.20	15.28374
488553.00	3654105.20	49.89996	488653.00	3654105.20	46.20311

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
490053.00	3651805.20	2.79557	485853.00	3652005.20	3.51973	
486053.00	3652005.20	3.55280	486253.00	3652005.20	3.76315	
486453.00	3652005.20	3.72038	486653.00	3652005.20	3.68799	
486853.00	3652005.20	3.72986	487053.00	3652005.20	3.75626	
487253.00	3652005.20	3.83954	487453.00	3652005.20	4.04862	
487653.00	3652005.20	4.26356	487853.00	3652005.20	4.19692	
488053.00	3652005.20	4.23853	488253.00	3652005.20	4.50005	
488453.00	3652005.20	4.35556	488653.00	3652005.20	4.19553	
488853.00	3652005.20	4.03960	489053.00	3652005.20	3.89267	
489253.00	3652005.20	3.31826	489453.00	3652005.20	3.35961	
489653.00	3652005.20	3.22842	489853.00	3652005.20	2.88789	
490053.00	3652005.20	2.91430	485853.00	3652205.20	4.40280	
486053.00	3652205.20	4.22550	486253.00	3652205.20	4.40515	
486453.00	3652205.20	4.29540	486653.00	3652205.20	4.46160	
486853.00	3652205.20	4.34751	487053.00	3652205.20	4.44655	
487253.00	3652205.20	4.63022	487453.00	3652205.20	4.67679	
487653.00	3652205.20	5.21271	487853.00	3652205.20	5.33596	
488053.00	3652205.20	5.14799	488253.00	3652205.20	5.21925	
488453.00	3652205.20	5.31087	488653.00	3652205.20	4.98275	
488853.00	3652205.20	4.29141	489053.00	3652205.20	3.85412	
489253.00	3652205.20	3.51501	489453.00	3652205.20	3.49520	
489653.00	3652205.20	3.57322	489853.00	3652205.20	3.13224	
490053.00	3652205.20	3.11154	485853.00	3652405.20	5.11934	
486053.00	3652405.20	4.82773	486253.00	3652405.20	4.85328	
486453.00	3652405.20	5.39008	486653.00	3652405.20	5.45824	
486853.00	3652405.20	5.49473	487053.00	3652405.20	5.35577	
487253.00	3652405.20	5.89261	487453.00	3652405.20	5.80440	
487653.00	3652405.20	5.96046	487853.00	3652405.20	6.47766	
488053.00	3652405.20	6.58981	488253.00	3652405.20	6.34251	
488453.00	3652405.20	5.84803	488653.00	3652405.20	5.23418	
488853.00	3652405.20	4.68561	489053.00	3652405.20	4.15573	
489253.00	3652405.20	3.94005	489453.00	3652405.20	3.75144	
489653.00	3652405.20	3.78657	489853.00	3652405.20	3.32989	
490053.00	3652405.20	3.43093	485853.00	3652605.20	5.20179	
486053.00	3652605.20	5.37327	486253.00	3652605.20	5.73931	
486453.00	3652605.20	5.98060	486653.00	3652605.20	6.59404	
489053.00	3652605.20	4.80865	489253.00	3652605.20	4.61938	
489453.00	3652605.20	4.47667	489653.00	3652605.20	4.34938	
489853.00	3652605.20	4.11078	490053.00	3652605.20	3.57989	
485853.00	3652805.20	5.60422	486053.00	3652805.20	6.21256	

*** AERMOD - VERSION 23132 *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:50:10
*** MODELPTS: RegDEFAULT CONC ELEV FLGPOL RURAL SigA Data *** PAGE 53

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM			IN MICROGRAMS/M**3			**
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC	
486253.00	3652805.20	6.46840	486453.00	3652805.20	7.02349	
486653.00	3652805.20	7.84451	489053.00	3652805.20	6.05378	
489253.00	3652805.20	5.85403	489453.00	3652805.20	5.62134	
489653.00	3652805.20	5.33906	489853.00	3652805.20	4.58747	
490053.00	3652805.20	4.51379	485853.00	3653005.20	5.97053	
486053.00	3653005.20	6.68438	486253.00	3653005.20	7.09870	
486453.00	3653005.20	8.20529	486653.00	3653005.20	9.34186	
489053.00	3653005.20	8.46594	489253.00	3653005.20	8.08455	
489453.00	3653005.20	7.50980	489653.00	3653005.20	6.98296	
489853.00	3653005.20	6.56958	490053.00	3653005.20	6.26551	
485853.00	3653205.20	5.96165	486053.00	3653205.20	6.78442	
486253.00	3653205.20	7.58284	486453.00	3653205.20	8.89918	
486653.00	3653205.20	10.07245	489053.00	3653205.20	13.65776	
489253.00	3653205.20	12.26473	489453.00	3653205.20	11.15209	
489653.00	3653205.20	9.87992	489853.00	3653205.20	8.95562	
490053.00	3653205.20	8.49689	485853.00	3653405.20	5.52118	
486053.00	3653405.20	6.34594	486253.00	3653405.20	7.43178	
486453.00	3653405.20	8.69598	486653.00	3653405.20	10.37454	
489053.00	3653405.20	24.19155	489253.00	3653405.20	19.42271	
489453.00	3653405.20	16.31583	489653.00	3653405.20	14.19620	
489853.00	3653405.20	12.47197	490053.00	3653405.20	11.16680	
485853.00	3653605.20	5.66667	486053.00	3653605.20	6.20945	
486253.00	3653605.20	7.00155	486453.00	3653605.20	8.41262	
486653.00	3653605.20	10.39567	489053.00	3653605.20	34.29840	
489253.00	3653605.20	26.09128	489453.00	3653605.20	21.26117	
489653.00	3653605.20	17.81216	489853.00	3653605.20	14.99176	
490053.00	3653605.20	13.42023	485853.00	3653805.20	5.90951	
486053.00	3653805.20	6.25217	486253.00	3653805.20	7.04806	
486453.00	3653805.20	8.85418	486653.00	3653805.20	10.47986	
489053.00	3653805.20	37.70794	489253.00	3653805.20	28.87987	
489453.00	3653805.20	23.27706	489653.00	3653805.20	19.30786	
489853.00	3653805.20	16.48528	490053.00	3653805.20	14.52904	
485853.00	3654005.20	6.08588	486053.00	3654005.20	6.25155	
486253.00	3654005.20	6.64131	486453.00	3654005.20	8.07603	

486653.00	3654005.20	9.56745	489053.00	3654005.20	34.50332
489253.00	3654005.20	27.63177	489453.00	3654005.20	22.82880
489653.00	3654005.20	19.33634	489853.00	3654005.20	16.68952
490053.00	3654005.20	14.63192	485853.00	3654205.20	5.11320
486053.00	3654205.20	5.85084	486253.00	3654205.20	6.05870
486453.00	3654205.20	6.88583	486653.00	3654205.20	8.10805

*** AERMOD - VERSION 23132 *** Cambridge School HRA
*** AERMET - VERSION 19191 ***

*** 06/11/24
*** 12:50:10
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

		*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL		***	
		INCLUDING SOURCE(S):					
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
489053.00	3654205.20	28.83316	489253.00	3654205.20	24.72629
489453.00	3654205.20	21.23097	489653.00	3654205.20	18.38816
489853.00	3654205.20	16.09465	490053.00	3654205.20	14.26049
485853.00	3654405.20	4.57613	486053.00	3654405.20	5.10343
486253.00	3654405.20	5.28241	486453.00	3654405.20	5.99617
486653.00	3654405.20	6.87161	489053.00	3654405.20	22.73280
489253.00	3654405.20	20.96914	489453.00	3654405.20	18.96272
489653.00	3654405.20	17.02939	489853.00	3654405.20	15.28723
490053.00	3654405.20	13.73764	485853.00	3654605.20	4.03570
486053.00	3654605.20	4.41236	486253.00	3654605.20	4.54593
486453.00	3654605.20	5.24578	486653.00	3654605.20	5.80238
489053.00	3654605.20	17.58564	489253.00	3654605.20	17.07899
489453.00	3654605.20	16.31968	489653.00	3654605.20	15.22903
489853.00	3654605.20	14.10130	490053.00	3654605.20	12.92308
485853.00	3654805.20	3.58381	486053.00	3654805.20	3.79695
486253.00	3654805.20	4.04094	486453.00	3654805.20	4.49542
486653.00	3654805.20	5.08035	486853.00	3654805.20	5.51952
487053.00	3654805.20	5.83326	487253.00	3654805.20	6.34674
487453.00	3654805.20	7.28555	487653.00	3654805.20	7.35646
487853.00	3654805.20	6.97300	488053.00	3654805.20	7.77697
488253.00	3654805.20	9.29212	488453.00	3654805.20	9.77445
488653.00	3654805.20	10.97900	488853.00	3654805.20	12.54414
489053.00	3654805.20	13.48463	489253.00	3654805.20	13.26729
489453.00	3654805.20	13.67872	489653.00	3654805.20	13.24760
489853.00	3654805.20	12.57551	490053.00	3654805.20	11.43613
485853.00	3655005.20	3.18238	486053.00	3655005.20	3.42707
486253.00	3655005.20	3.70372	486453.00	3655005.20	4.07905
486653.00	3655005.20	4.42360	486853.00	3655005.20	5.12980
487053.00	3655005.20	5.05175	487253.00	3655005.20	5.55622
487453.00	3655005.20	6.07055	487653.00	3655005.20	6.05715
487853.00	3655005.20	5.59268	488053.00	3655005.20	5.89387
488253.00	3655005.20	6.85549	488453.00	3655005.20	7.26992
488653.00	3655005.20	8.11905	488853.00	3655005.20	9.00148
489053.00	3655005.20	9.66989	489253.00	3655005.20	10.61953
489453.00	3655005.20	11.57802	489653.00	3655005.20	11.44525
489853.00	3655005.20	11.05748	490053.00	3655005.20	10.42339
485853.00	3655205.20	3.09151	486053.00	3655205.20	3.35891
486253.00	3655205.20	3.54885	486453.00	3655205.20	3.69169
486653.00	3655205.20	3.99492	486853.00	3655205.20	4.45837
487053.00	3655205.20	4.26730	487253.00	3655205.20	4.94408

*** AERMOD - VERSION 23132 *** Cambridge School HRA
*** AERMET - VERSION 19191 ***

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*** 12:50:10
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

		*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL		***	
		INCLUDING SOURCE(S):					
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
487453.00	3655205.20	5.34848	487653.00	3655205.20	5.19704
487853.00	3655205.20	5.14911	488053.00	3655205.20	4.88716
488253.00	3655205.20	5.33111	488453.00	3655205.20	5.85367
488653.00	3655205.20	6.56368	488853.00	3655205.20	7.28204
489053.00	3655205.20	8.32164	489253.00	3655205.20	9.31013
489453.00	3655205.20	9.81370	489653.00	3655205.20	9.90640
489853.00	3655205.20	9.73269	490053.00	3655205.20	8.89252
485853.00	3655405.20	2.91945	486053.00	3655405.20	3.15345
486253.00	3655405.20	3.48135	486453.00	3655405.20	3.49715
486653.00	3655405.20	3.86130	486853.00	3655405.20	4.02919
487053.00	3655405.20	3.74750	487253.00	3655405.20	4.23234
487453.00	3655405.20	4.72669	487653.00	3655405.20	4.01720
487853.00	3655405.20	3.92213	488053.00	3655405.20	4.04241
488253.00	3655405.20	4.41584	488453.00	3655405.20	4.88974
488653.00	3655405.20	5.59854	488853.00	3655405.20	6.20904
489053.00	3655405.20	7.01072	489253.00	3655405.20	7.72029
489453.00	3655405.20	8.28870	489653.00	3655405.20	8.58461
489853.00	3655405.20	8.60368	490053.00	3655405.20	8.18570
485853.00	3655605.20	2.71922	486053.00	3655605.20	2.89496
486253.00	3655605.20	3.15684	486453.00	3655605.20	3.40884
486653.00	3655605.20	3.36639	486853.00	3655605.20	3.42566

487053.00	3655605.20	3.32972	487253.00	3655605.20	3.64139
487453.00	3655605.20	4.09423	487653.00	3655605.20	3.80126
487853.00	3655605.20	3.45515	488053.00	3655605.20	3.60463
488253.00	3655605.20	3.97885	488453.00	3655605.20	4.41834
488653.00	3655605.20	4.87678	488853.00	3655605.20	5.70056
489053.00	3655605.20	6.09837	489253.00	3655605.20	6.54594
489453.00	3655605.20	7.01243	489653.00	3655605.20	7.38378
489853.00	3655605.20	7.61911	490053.00	3655605.20	7.63250
487801.04	3653682.18	1947.53856	487803.63	3653554.46	2545.15518
487834.65	3653506.37	1401.46272	487875.50	3653531.70	2952.56730
487897.22	3653541.53	3291.03938	487927.21	3653553.42	3992.47125
487967.03	3653561.69	3395.66800	487993.40	3653564.28	2638.58486
487994.95	3653682.69	4077.30966	487801.47	3653660.89	2831.92314
487801.90	3653639.61	3215.44164	487802.33	3653618.32	3341.86972
487802.77	3653597.03	3346.55105	487803.20	3653575.75	3216.16102
487813.97	3653538.43	2455.99241	487824.31	3653522.40	2058.03686
487855.08	3653519.04	2500.43011	487912.21	3653547.47	3700.91760
487947.12	3653557.56	3696.94493	487980.22	3653562.99	3054.91405
487993.71	3653587.96	5012.12392	487994.02	3653611.64	6067.22085

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*** AERMET - VERSION 19191 *** *** 12:50:10
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):		VOL1	VOL2	VOL3	VOL4	VOL5
VOL6	VOL7	VOL8	VOL9	VOL10	VOL11	VOL12
VOL14	VOL15	VOL16	VOL17	VOL18	VOL19	VOL20
VOL22	VOL23	VOL24	VOL25	VOL26	VOL27	VOL28

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
487994.33	3653635.33	6290.11198	487994.64	3653659.01	5805.57863
487970.71	3653682.63	4946.12060	487946.47	3653682.56	5289.43948
487922.23	3653682.50	5409.20415	487898.00	3653682.44	5295.87617
487873.76	3653682.37	4975.46452	487849.52	3653682.31	4386.28786
487825.28	3653682.24	3347.66891			

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE SUMMARY OF MAXIMUM PERIOD (26304 HRS) RESULTS ***

** CONC OF DPM		IN MICROGRAMS/M**3		**	
GROUP ID	AVERAGE CONC	RECEPTOR	(XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS 6290.11198 AT (487994.33, 3653635.33, 150.95, 337.00, 0.00)	DC			
	2ND HIGHEST VALUE IS 6067.22085 AT (487994.02, 3653611.64, 151.48, 337.00, 0.00)	DC			
	3RD HIGHEST VALUE IS 5805.57863 AT (487994.64, 3653659.01, 150.74, 337.00, 0.00)	DC			
	4TH HIGHEST VALUE IS 5477.38030 AT (488003.00, 3653630.20, 150.94, 337.00, 0.00)	DC			
	5TH HIGHEST VALUE IS 5409.20415 AT (487922.23, 3653682.50, 151.21, 337.00, 0.00)	DC			
	6TH HIGHEST VALUE IS 5295.87617 AT (487898.00, 3653682.44, 151.88, 337.00, 0.00)	DC			
	7TH HIGHEST VALUE IS 5289.43948 AT (487946.47, 3653682.56, 150.50, 337.00, 0.00)	DC			
	8TH HIGHEST VALUE IS 5205.74045 AT (488003.00, 3653655.20, 150.56, 337.00, 0.00)	DC			
	9TH HIGHEST VALUE IS 5073.88050 AT (488003.00, 3653605.20, 151.70, 337.00, 0.00)	DC			
	10TH HIGHEST VALUE IS 5012.12392 AT (487993.71, 3653587.96, 152.31, 337.00, 0.00)	DC			

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

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:50:10
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

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

A Total of 0 Fatal Error Message(s)
A Total of 38 Warning Message(s)
A Total of 793 Informational Message(s)

A Total of 26304 Hours Were Processed

A Total of 353 Calm Hours Identified

A Total of 440 Missing Hours Identified (1.67 Percent)

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

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

ME W186	387	MEOPEN: THRESH_IMIN 1-min ASOS wind speed threshold used	0.50
MX W403	387	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W441	14167	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081407
MX W441	14168	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081408

MX W441	14169	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081409
MX W441	14170	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081410
MX W441	14171	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081411
MX W441	14172	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081412
MX W441	14173	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081413
MX W441	14174	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081414
MX W441	14175	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081415
MX W441	14176	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081416
MX W441	14177	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081417
MX W441	14178	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081418
MX W441	14191	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081507
MX W441	14192	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081508
MX W441	14193	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081509
MX W441	14194	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081510
MX W441	14195	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081511
MX W441	14196	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081512
MX W441	14197	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081513
MX W441	14198	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081514
MX W441	14199	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081515
MX W441	14200	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081516
MX W441	14201	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081517
MX W441	14202	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081518
MX W441	14215	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081607
MX W441	14216	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081608
MX W441	14217	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081609
MX W441	14218	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081610
MX W441	14219	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081611
MX W441	14220	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081612
MX W441	14221	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081613
MX W441	14222	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081614
MX W441	14223	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081615
MX W441	14224	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081616
MX W441	14225	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081617
MX W441	14226	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081618

 *** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 6/11/2024
** File: C:\Work\cambridge - baranek\modeling\Cambridge School HRA HOURLY 061124\Cambridge School HRA HOURLY 061124.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE Cambridge School HRA
  MODELOPT DFAULT CONC
  AVERTIME 1
  POLLUTID DPM
  FLAGPOLE 0.00
  RUNORNOT RUN
  ERRORFIL "Cambridge School HRA HOURLY 061124.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL1      VOLUME  487814.069  3653670.839    154.680
LOCATION VOL2      VOLUME  487835.238  3653670.460    153.270
LOCATION VOL3      VOLUME  487855.009  3653670.460    152.480
LOCATION VOL4      VOLUME  487876.143  3653670.460    151.880
LOCATION VOL5      VOLUME  487897.278  3653670.460    151.510
LOCATION VOL6      VOLUME  487918.753  3653670.119    151.160
LOCATION VOL7      VOLUME  487940.910  3653670.119    150.820
LOCATION VOL8      VOLUME  487962.386  3653669.779    150.550
LOCATION VOL9      VOLUME  487983.520  3653669.779    150.550
LOCATION VOL10     VOLUME  487813.883  3653649.208    154.690
LOCATION VOL11     VOLUME  487835.053  3653648.829    153.280
LOCATION VOL12     VOLUME  487854.823  3653648.829    152.480
LOCATION VOL13     VOLUME  487875.958  3653648.829    151.780
LOCATION VOL14     VOLUME  487897.092  3653648.829    151.070
LOCATION VOL15     VOLUME  487918.568  3653648.488    151.000
LOCATION VOL16     VOLUME  487940.725  3653648.488    151.000
LOCATION VOL17     VOLUME  487962.200  3653648.148    151.000
LOCATION VOL18     VOLUME  487983.335  3653648.148    151.000
LOCATION VOL19     VOLUME  487813.883  3653627.733    154.690
LOCATION VOL20     VOLUME  487835.053  3653627.354    153.280
LOCATION VOL21     VOLUME  487854.823  3653627.354    152.480
LOCATION VOL22     VOLUME  487875.958  3653627.354    151.780
LOCATION VOL23     VOLUME  487897.092  3653627.354    151.070
LOCATION VOL24     VOLUME  487918.568  3653627.013    151.000
LOCATION VOL25     VOLUME  487940.725  3653627.013    151.000
LOCATION VOL26     VOLUME  487962.200  3653626.672    151.000
LOCATION VOL27     VOLUME  487983.335  3653626.672    151.000
LOCATION VOL28     VOLUME  487813.883  3653605.576    154.690
LOCATION VOL29     VOLUME  487835.053  3653605.197    153.280
LOCATION VOL30     VOLUME  487854.823  3653605.197    152.480
LOCATION VOL31     VOLUME  487875.958  3653605.197    151.930
LOCATION VOL32     VOLUME  487897.092  3653605.197    151.720
LOCATION VOL33     VOLUME  487918.568  3653604.856    151.710
LOCATION VOL34     VOLUME  487940.725  3653604.856    151.440
LOCATION VOL35     VOLUME  487962.200  3653604.515    151.070
LOCATION VOL36     VOLUME  487983.335  3653604.515    151.580
LOCATION VOL37     VOLUME  487813.542  3653584.441    154.330
LOCATION VOL38     VOLUME  487834.712  3653584.062    152.900
LOCATION VOL39     VOLUME  487854.483  3653584.062    152.500
LOCATION VOL40     VOLUME  487875.617  3653584.062    152.320
LOCATION VOL41     VOLUME  487896.751  3653584.062    152.030
LOCATION VOL42     VOLUME  487918.227  3653583.721    152.000
LOCATION VOL43     VOLUME  487940.384  3653583.721    151.780
LOCATION VOL44     VOLUME  487961.859  3653583.381    151.510
LOCATION VOL45     VOLUME  487982.994  3653583.381    152.210
LOCATION VOL46     VOLUME  487814.622  3653563.364    153.770
LOCATION VOL47     VOLUME  487835.791  3653562.985    152.520
LOCATION VOL48     VOLUME  487855.562  3653562.985    152.800
LOCATION VOL49     VOLUME  487876.697  3653562.985    152.960
LOCATION VOL50     VOLUME  487897.831  3653562.985    152.260
LOCATION VOL51     VOLUME  487918.639  3653563.575    152.170
LOCATION VOL52     VOLUME  487830.167  3653541.975    154.530
LOCATION VOL53     VOLUME  487851.642  3653541.634    154.530
LOCATION VOL54     VOLUME  487842.071  3653521.517    155.970
** Source Parameters **
SRCPARAM VOL1      1.0    5.000    4.651    1.400
SRCPARAM VOL2      1.0    5.000    4.651    1.400
SRCPARAM VOL3      1.0    5.000    4.651    1.400
SRCPARAM VOL4      1.0    5.000    4.651    1.400
SRCPARAM VOL5      1.0    5.000    4.651    1.400
SRCPARAM VOL6      1.0    5.000    4.651    1.400
SRCPARAM VOL7      1.0    5.000    4.651    1.400
SRCPARAM VOL8      1.0    5.000    4.651    1.400
SRCPARAM VOL9      1.0    5.000    4.651    1.400
SRCPARAM VOL10     1.0    5.000    4.651    1.400
SRCPARAM VOL11     1.0    5.000    4.651    1.400
SRCPARAM VOL12     1.0    5.000    4.651    1.400
SRCPARAM VOL13     1.0    5.000    4.651    1.400
SRCPARAM VOL14     1.0    5.000    4.651    1.400

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[illegible]

EMISFACT	VOL16	HROFDY	0	0	0	0	1	0	1	0	0	1	0
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EMISFACT	VOL16	HROFDY	0	0	0	0	0	0	0	0	0	0	0
EMISFACT	VOL17	HROFDY	0	0	0	0	0	0	0	0	0	0	0
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EMISFACT	VOL17	HROFDY	1	0	1	0	1	0	1	0	0	0	0
EMISFACT	VOL17	HROFDY	0	0	0	0	0	0	0	0	0	0	0
EMISFACT	VOL18	HROFDY	0	0	0	0	0	0	0	0	0	0	0
EMISFACT	VOL18	HROFDY	0	0	0	1	0	1	0	1	0	1	0
EMISFACT	VOL18	HROFDY	1	0	1	0	1	0	1	0	0	0	0
EMISFACT	VOL19	HROFDY	0	0	0	0	0	0	0	0	0	0	0
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EMISFACT	VOL20	HROFDY	0	0	0	0	0	0	0	0	0	0	0
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EMISFACT	VOL25	HROFDY	0	0	0	0	0	0	0	0	0	0	0
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EMISFACT	VOL27	HROFDY	0	0	0	0	0	0	0	0	0	0	0
EMISFACT	VOL28	HROFDY	0	0	0	0							

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EMISFACT VOL42      HROFDY 0.0 0.0 1.0 1.0 1.0 1.0
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EMISFACT VOL54      HROFDY 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "Cambridge School HRA HOURLY 061124.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE ESC_2010_2012_sigma_v19191.SFC
  PROFFILE ESC_2010_2012_sigma_v19191.PFL
  SURFDATA 53120 2010
  UAIRDATA 3190 2010
  PROFBASE 205.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST "CAMBRIDGE SCHOOL HRA HOURLY 061124.AD\01H1GALL.PLT" 31
  SUMMFILE "Cambridge School HRA HOURLY 061124.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 387 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
MX W403 387 PFLCNV: Turbulence data is being used w/o ADJ_U* option SigA Data

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:26:42
*** PAGE 1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** 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 RURAL Dispersion Only.
- * CCVR_Sub - Meteorological data includes CCVR substitutions
- * TEMP_Sub - Meteorological data includes TEMP substitutions
- * Model Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: DPM

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

**This Run Includes: 54 Source(s); 1 Source Group(s); and 1609 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 54 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: 19191

**Output Options Selected:

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) = 205.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: Cambridge School HRA HOURLY 061124.err

**File for Summary of Results: Cambridge School HRA HOURLY 061124.sum

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:26:42
*** PAGE 2

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** 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
VOL1	0	0.10000E+01	487814.1	3653670.8	154.7	5.00	4.65	1.40	NO	HROFDY	NO
VOL2	0	0.10000E+01	487835.2	3653670.5	153.3	5.00	4.65	1.40	NO	HROFDY	NO
VOL3	0	0.10000E+01	487855.0	3653670.5	152.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL4	0	0.10000E+01	487876.1	3653670.5	151.9	5.00	4.65	1.40	NO	HROFDY	NO
VOL5	0	0.10000E+01	487897.3	3653670.5	151.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL6	0	0.10000E+01	487918.8	3653670.1	151.2	5.00	4.65	1.40	NO	HROFDY	NO
VOL7	0	0.10000E+01	487940.9	3653670.1	150.8	5.00	4.65	1.40	NO	HROFDY	NO
VOL8	0	0.10000E+01	487962.4	3653669.8	150.6	5.00	4.65	1.40	NO	HROFDY	NO
VOL9	0	0.10000E+01	487983.5	3653669.8	150.6	5.00	4.65	1.40	NO	HROFDY	NO
VOL10	0	0.10000E+01	487813.9	3653649.2	154.7	5.00	4.65	1.40	NO	HROFDY	NO
VOL11	0	0.10000E+01	487835.1	3653648.8	153.3	5.00	4.65	1.40	NO	HROFDY	NO
VOL12	0	0.10000E+01	487854.8	3653648.8	152.5	5.00	4.65	1.40	NO	HROFDY	NO
VOL13	0	0.10000E+01	487876.0	3653648.8	151.8	5.00	4.65	1.40	NO	HROFDY	NO
VOL14	0	0.10000E+01	487897.1	3653648.8	151.1	5.00	4.65	1.40	NO	HROFDY	NO
VOL15	0	0.10000E+01	487918.6	3653648.5	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL16	0	0.10000E+01	487940.7	3653648.5	151.0	5.00	4.65	1.40	NO	HROFDY	NO
VOL17	0	0.10000E+01	487962.2	3653648.1	151.0	5.00	4.65	1.40	NO	HROFDY	NO

SOURCE ID = VOL3 ; SOURCE TYPE = VOLUME :

SOURCE ID = VOL14		SOURCE TYPE = VOLUME											
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00	7	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01	13	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00	19	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00	25	.00000E+00

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*** MODELOPTs:  ReqDFault  CONC  ELEV  FLGPOL  RURAL  SigA Data
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HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
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HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
------	--------	------	--------	------	--------	------	--------	------	--------	------	--------

SOURCE ID = VOL36		SOURCE TYPE = VOLUME									
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :												
1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00	
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01	

13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:26:42
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*** MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL SigA Data

* SOURCE EMISSION RATE SCALARS WHICH VARY FOR EACH HOUR OF THE DAY *

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
-------	--------	-------	--------	-------	--------	-------	--------	-------	--------	-------	--------

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

1	.00000E+00	2	.00000E+00	3	.00000E+00	4	.00000E+00	5	.00000E+00	6	.00000E+00
7	.00000E+00	8	.00000E+00	9	.10000E+01	10	.10000E+01	11	.10000E+01	12	.10000E+01
13	.10000E+01	14	.10000E+01	15	.10000E+01	16	.10000E+01	17	.00000E+00	18	.00000E+00
19	.00000E+00	20	.00000E+00	21	.00000E+00	22	.00000E+00	23	.00000E+00	24	.00000E+00

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:26:42
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*** MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL SigA Data

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

(487228.9, 3653869.2, 137.6, 337.0, 0.0);	(489254.8, 3653529.2, 169.4, 360.0, 0.0);
(488681.3, 3653011.3, 174.0, 174.0, 0.0);	(488212.9, 3652840.7, 166.6, 166.6, 0.0);
(486936.7, 3653359.4, 154.0, 154.0, 0.0);	(487603.0, 3653355.2, 156.8, 166.0, 0.0);
(487628.0, 3653355.2, 161.8, 165.0, 0.0);	(487653.0, 3653355.2, 164.4, 164.4, 0.0);
(487678.0, 3653355.2, 165.0, 165.0, 0.0);	(487703.0, 3653355.2, 165.0, 165.0, 0.0);
(487728.0, 3653355.2, 165.3, 165.3, 0.0);	(487753.0, 3653355.2, 166.0, 166.0, 0.0);
(487778.0, 3653355.2, 166.0, 166.0, 0.0);	(487803.0, 3653355.2, 166.0, 166.0, 0.0);
(487828.0, 3653355.2, 165.4, 165.4, 0.0);	(487853.0, 3653355.2, 165.0, 165.0, 0.0);
(487878.0, 3653355.2, 164.7, 164.7, 0.0);	(487903.0, 3653355.2, 163.9, 163.9, 0.0);
(487928.0, 3653355.2, 163.1, 163.1, 0.0);	(487953.0, 3653355.2, 163.8, 163.8, 0.0);
(487978.0, 3653355.2, 164.0, 164.0, 0.0);	(488003.0, 3653355.2, 164.1, 164.1, 0.0);
(488028.0, 3653355.2, 164.1, 164.1, 0.0);	(488053.0, 3653355.2, 164.1, 164.1, 0.0);
(488078.0, 3653355.2, 164.1, 171.0, 0.0);	(488103.0, 3653355.2, 164.1, 171.0, 0.0);
(488128.0, 3653355.2, 165.4, 169.0, 0.0);	(488153.0, 3653355.2, 167.0, 167.0, 0.0);
(488178.0, 3653355.2, 168.3, 168.3, 0.0);	(488203.0, 3653355.2, 168.9, 168.9, 0.0);
(488228.0, 3653355.2, 168.0, 168.0, 0.0);	(487603.0, 3653380.2, 157.4, 166.0, 0.0);
(487628.0, 3653380.2, 161.8, 165.0, 0.0);	(487653.0, 3653380.2, 164.4, 164.4, 0.0);
(487678.0, 3653380.2, 165.0, 165.0, 0.0);	(487703.0, 3653380.2, 165.0, 165.0, 0.0);
(487728.0, 3653380.2, 165.1, 165.1, 0.0);	(487753.0, 3653380.2, 165.2, 165.2, 0.0);
(487778.0, 3653380.2, 165.2, 165.2, 0.0);	(487803.0, 3653380.2, 165.2, 165.2, 0.0);
(487828.0, 3653380.2, 164.6, 164.6, 0.0);	(487853.0, 3653380.2, 163.8, 163.8, 0.0);
(487878.0, 3653380.2, 163.3, 163.3, 0.0);	(487903.0, 3653380.2, 163.1, 163.1, 0.0);
(487928.0, 3653380.2, 162.2, 162.2, 0.0);	(487953.0, 3653380.2, 162.4, 162.4, 0.0);
(487978.0, 3653380.2, 162.4, 162.4, 0.0);	(488003.0, 3653380.2, 162.4, 162.4, 0.0);
(488028.0, 3653380.2, 162.4, 162.4, 0.0);	(488053.0, 3653380.2, 162.5, 162.5, 0.0);
(488078.0, 3653380.2, 163.2, 163.2, 0.0);	(488103.0, 3653380.2, 163.2, 163.2, 0.0);
(488128.0, 3653380.2, 164.4, 169.0, 0.0);	(488153.0, 3653380.2, 166.8, 169.0, 0.0);
(488178.0, 3653380.2, 168.9, 168.9, 0.0);	(488203.0, 3653380.2, 169.0, 169.0, 0.0);
(488228.0, 3653380.2, 168.8, 168.8, 0.0);	(487603.0, 3653405.2, 159.9, 166.0, 0.0);
(487628.0, 3653405.2, 162.5, 162.5, 0.0);	(487653.0, 3653405.2, 164.5, 164.5, 0.0);
(487678.0, 3653405.2, 165.0, 165.0, 0.0);	(487703.0, 3653405.2, 164.7, 164.7, 0.0);
(487728.0, 3653405.2, 164.2, 164.2, 0.0);	(487753.0, 3653405.2, 163.7, 163.7, 0.0);
(487778.0, 3653405.2, 163.7, 163.7, 0.0);	(487803.0, 3653405.2, 163.7, 163.7, 0.0);
(487828.0, 3653405.2, 163.1, 163.1, 0.0);	(487853.0, 3653405.2, 162.6, 162.6, 0.0);
(487878.0, 3653405.2, 162.2, 162.2, 0.0);	(487903.0, 3653405.2, 161.6, 161.6, 0.0);
(487928.0, 3653405.2, 160.8, 160.8, 0.0);	(487953.0, 3653405.2, 160.7, 160.7, 0.0);
(487978.0, 3653405.2, 161.1, 161.1, 0.0);	(488003.0, 3653405.2, 161.4, 161.4, 0.0);
(488028.0, 3653405.2, 161.4, 161.4, 0.0);	(488053.0, 3653405.2, 161.4, 161.4, 0.0);

(488078.0, 3653405.2, 161.7, 161.7, 0.0);	(488103.0, 3653405.2, 162.2, 162.2, 0.0);
(488128.0, 3653405.2, 163.6, 169.0, 0.0);	(488153.0, 3653405.2, 165.9, 169.0, 0.0);
(488178.0, 3653405.2, 168.1, 168.1, 0.0);	(488203.0, 3653405.2, 169.0, 169.0, 0.0);
(488228.0, 3653405.2, 169.0, 169.0, 0.0);	(487603.0, 3653430.2, 163.0, 165.0, 0.0);
(487628.0, 3653430.2, 163.9, 163.9, 0.0);	(487653.0, 3653430.2, 164.8, 164.8, 0.0);
(487678.0, 3653430.2, 164.7, 164.7, 0.0);	(487703.0, 3653430.2, 164.1, 164.1, 0.0);
(487728.0, 3653430.2, 163.1, 163.1, 0.0);	(487753.0, 3653430.2, 162.1, 162.1, 0.0);

*** AERMOD - VERSION 23132 ***	*** Cambridge School HRA	***	06/11/24
*** AERMET - VERSION 19191 ***	***	***	12:26:42
*** MODELPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data			PAGE 17

*** DISCRETE CARTESIAN RECEPTORS ***									
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)									
(METERS)									
(487778.0, 3653430.2, 162.1, 162.1, 0.0);	(487803.0, 3653430.2, 162.1, 162.1, 0.0);								
(487828.0, 3653430.2, 161.7, 161.7, 0.0);	(487853.0, 3653430.2, 161.3, 161.3, 0.0);								
(487878.0, 3653430.2, 160.8, 160.8, 0.0);	(487903.0, 3653430.2, 159.9, 159.9, 0.0);								
(487928.0, 3653430.2, 159.1, 159.1, 0.0);	(487953.0, 3653430.2, 159.4, 159.4, 0.0);								
(487978.0, 3653430.2, 160.2, 160.2, 0.0);	(488003.0, 3653430.2, 160.5, 160.5, 0.0);								
(488028.0, 3653430.2, 160.4, 160.4, 0.0);	(488053.0, 3653430.2, 160.1, 160.1, 0.0);								
(488078.0, 3653430.2, 160.1, 160.1, 0.0);	(488103.0, 3653430.2, 160.9, 160.9, 0.0);								
(488128.0, 3653430.2, 162.6, 169.0, 0.0);	(488153.0, 3653430.2, 164.5, 167.0, 0.0);								
(488178.0, 3653430.2, 166.2, 169.0, 0.0);	(488203.0, 3653430.2, 167.7, 167.7, 0.0);								
(488228.0, 3653430.2, 168.0, 168.0, 0.0);	(487603.0, 3653455.2, 165.3, 165.3, 0.0);								
(487628.0, 3653455.2, 165.3, 165.3, 0.0);	(487653.0, 3653455.2, 165.1, 165.1, 0.0);								
(487678.0, 3653455.2, 164.2, 164.2, 0.0);	(487703.0, 3653455.2, 163.0, 163.0, 0.0);								
(487728.0, 3653455.2, 161.5, 163.0, 0.0);	(487753.0, 3653455.2, 160.1, 160.1, 0.0);								
(487778.0, 3653455.2, 160.4, 160.4, 0.0);	(487803.0, 3653455.2, 160.4, 160.4, 0.0);								
(487828.0, 3653455.2, 160.4, 160.4, 0.0);	(487853.0, 3653455.2, 160.1, 160.1, 0.0);								
(487878.0, 3653455.2, 159.4, 159.4, 0.0);	(487903.0, 3653455.2, 158.6, 158.6, 0.0);								
(487928.0, 3653455.2, 157.7, 157.7, 0.0);	(487953.0, 3653455.2, 158.5, 158.5, 0.0);								
(487978.0, 3653455.2, 159.1, 159.1, 0.0);	(488003.0, 3653455.2, 159.4, 159.4, 0.0);								
(488028.0, 3653455.2, 159.2, 159.2, 0.0);	(488053.0, 3653455.2, 158.7, 158.7, 0.0);								
(488078.0, 3653455.2, 158.7, 158.7, 0.0);	(488103.0, 3653455.2, 159.2, 169.0, 0.0);								
(488128.0, 3653455.2, 161.1, 167.0, 0.0);	(488153.0, 3653455.2, 162.7, 169.0, 0.0);								
(488178.0, 3653455.2, 164.0, 169.0, 0.0);	(488203.0, 3653455.2, 165.6, 165.6, 0.0);								
(488228.0, 3653455.2, 166.6, 166.6, 0.0);	(487603.0, 3653480.2, 166.0, 166.0, 0.0);								
(487628.0, 3653480.2, 165.9, 165.9, 0.0);	(487653.0, 3653480.2, 165.1, 165.1, 0.0);								
(487678.0, 3653480.2, 163.7, 163.7, 0.0);	(487703.0, 3653480.2, 161.6, 161.6, 0.0);								
(487728.0, 3653480.2, 159.4, 163.0, 0.0);	(487753.0, 3653480.2, 158.1, 163.0, 0.0);								
(487778.0, 3653480.2, 158.8, 158.8, 0.0);	(487803.0, 3653480.2, 158.9, 158.9, 0.0);								
(487828.0, 3653480.2, 158.8, 158.8, 0.0);	(487853.0, 3653480.2, 158.7, 158.7, 0.0);								
(487878.0, 3653480.2, 158.4, 158.4, 0.0);	(487903.0, 3653480.2, 157.6, 157.6, 0.0);								
(487928.0, 3653480.2, 156.9, 156.9, 0.0);	(487953.0, 3653480.2, 157.6, 157.6, 0.0);								
(487978.0, 3653480.2, 157.8, 157.8, 0.0);	(488003.0, 3653480.2, 157.9, 157.9, 0.0);								
(488028.0, 3653480.2, 157.9, 157.9, 0.0);	(488053.0, 3653480.2, 157.9, 157.9, 0.0);								
(488078.0, 3653480.2, 157.9, 157.9, 0.0);	(488103.0, 3653480.2, 158.0, 163.0, 0.0);								
(488128.0, 3653480.2, 159.2, 169.0, 0.0);	(488153.0, 3653480.2, 160.7, 169.0, 0.0);								
(488178.0, 3653480.2, 162.4, 162.4, 0.0);	(488203.0, 3653480.2, 164.1, 164.1, 0.0);								
(488228.0, 3653480.2, 165.8, 165.8, 0.0);	(487603.0, 3653505.2, 165.9, 165.9, 0.0);								
(487628.0, 3653505.2, 165.1, 165.1, 0.0);	(487653.0, 3653505.2, 164.2, 164.2, 0.0);								
(487678.0, 3653505.2, 163.4, 163.4, 0.0);	(487703.0, 3653505.2, 161.6, 161.6, 0.0);								
(487728.0, 3653505.2, 159.4, 159.4, 0.0);	(487753.0, 3653505.2, 158.0, 158.0, 0.0);								
(487778.0, 3653505.2, 158.0, 158.0, 0.0);	(487803.0, 3653505.2, 158.0, 158.0, 0.0);								
(487828.0, 3653505.2, 157.4, 157.4, 0.0);	(487853.0, 3653505.2, 157.1, 157.1, 0.0);								
(487878.0, 3653505.2, 156.8, 156.8, 0.0);	(487903.0, 3653505.2, 156.1, 156.1, 0.0);								
(487928.0, 3653505.2, 156.0, 156.0, 0.0);	(487953.0, 3653505.2, 156.1, 156.1, 0.0);								
(487978.0, 3653505.2, 156.7, 156.7, 0.0);	(488003.0, 3653505.2, 157.0, 157.0, 0.0);								
(488028.0, 3653505.2, 157.0, 157.0, 0.0);	(488053.0, 3653505.2, 157.0, 157.0, 0.0);								

*** AERMOD - VERSION 23132 ***	*** Cambridge School HRA	***	06/11/24
*** AERMET - VERSION 19191 ***	***	***	12:26:42
*** MODELPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data			PAGE 18

*** DISCRETE CARTESIAN RECEPTORS ***									
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)									
(METERS)									
(488078.0, 3653505.2, 157.0, 157.0, 0.0);	(488103.0, 3653505.2, 157.8, 157.8, 0.0);								
(488128.0, 3653505.2, 158.6, 158.6, 0.0);	(488153.0, 3653505.2, 159.5, 159.5, 0.0);								
(488178.0, 3653505.2, 160.9, 160.9, 0.0);	(488203.0, 3653505.2, 163.3, 163.3, 0.0);								
(488228.0, 3653505.2, 164.9, 164.9, 0.0);	(487603.0, 3653530.2, 165.9, 165.9, 0.0);								
(487628.0, 3653530.2, 165.0, 165.0, 0.0);	(487653.0, 3653530.2, 164.2, 164.2, 0.0);								
(487678.0, 3653530.2, 162.9, 162.9, 0.0);	(487703.0, 3653530.2, 161.2, 161.2, 0.0);								
(487728.0, 3653530.2, 159.4, 159.4, 0.0);	(487753.0, 3653530.2, 157.9, 157.9, 0.0);								
(487778.0, 3653530.2, 157.2, 157.2, 0.0);	(487803.0, 3653530.2, 155.9, 155.9, 0.0);								
(487828.0, 3653530.2, 155.1, 155.1, 0.0);	(487903.0, 3653530.2, 154.4, 154.4, 0.0);								
(487928.0, 3653530.2, 154.4, 154.4, 0.0);	(487953.0, 3653530.2, 154.4, 154.4, 0.0);								
(487978.0, 3653530.2, 154.5, 154.5, 0.0);	(488003.0, 3653530.2, 155.0, 155.0, 0.0);								
(488028.0, 3653530.2, 155.6, 155.6, 0.0);	(488053.0, 3653530.2, 156.3, 156.3, 0.0);								
(488078.0, 3653530.2, 157.0, 157.0, 0.0);	(488103.0, 3653530.2, 157.2, 157.2, 0.0);								
(488128.0, 3653530.2, 157.3, 157.3, 0.0);	(488153.0, 3653530.2, 157.9, 157.9, 0.0);								
(488178.0, 3653530.2, 159.3, 165.0, 0.0);	(488203.0, 3653530.2, 161.7, 161.7, 0.0);								
(488228.0, 3653530.2, 164.1, 164.1, 0.0);	(487603.0, 3653555.2, 166.5, 166.5, 0.0);								
(487628.0, 3653555.2, 165.7, 165.7, 0.0);	(487653.0, 3653555.2, 164.9, 164.9, 0.0);								
(487678.0, 3653555.2, 163.4, 163.4, 0.0);	(487703.0, 3653555.2, 161.4, 161.4, 0.0);								
(487728.0, 3653555.2, 159.6, 159.6, 0.0);	(487753.0, 3653555.2, 158.4, 158.4, 0.0);								
(487778.0, 3653555.2, 157.1, 157.1, 0.0);	(487803.0, 3653555.2, 154.9, 154.9, 0.0);								
(487928.0, 3653555.2, 152.7, 337.0, 0.0);	(487978.0, 3653555.2, 153.1, 337.0, 0.0);								
(488003.0, 3653555.2, 153.8, 337.0, 0.0);	(488028.0, 3653555.2, 154.5, 337.0, 0.0);								
(488053.0, 3653555.2, 154.8, 337.0, 0.0);	(488078.0, 3653555.2, 155.1, 337.0, 0.0);								
(488103.0, 3653555.2, 154.6, 337.0, 0.0);	(488128.0, 3653555.2, 155.2, 337.0, 0.0);								
(488153.0, 3653555.2, 156.5, 336.0, 0.0);	(488178.0, 3653555.2, 158.1, 317.0, 0.0);								
(488203.0, 3653555.2, 160.2, 166.0, 0.0);	(488228.0, 3653555.2, 163.2, 163.2, 0.0);								
(487603.0, 3653580.2, 168.2, 170.0, 0.0);	(487628.0, 3653580.2, 166.6, 170.0, 0.0);								
(487653.0, 3653580.2, 165.3, 165.3, 0.0);	(487678.0, 3653580.2, 164.1, 164.1, 0.0);								
(487703.0, 3653580.2, 162.1, 162.1, 0.0);	(487728.0, 3653580.2, 160.0, 160.0, 0.0);								
(487753.0, 3653580.2, 158.8, 158.8, 0.0);	(487778.0, 3653580.2, 157.1, 157.1, 0.0);								
(487803.0, 3653580.2, 155.0, 336.0, 0.0);	(488003.0, 3653580.2, 152.8, 337.0, 0.0);								
(488028.0, 3653580.2, 153.1, 337.0, 0.0);	(488053.0, 3653580.2, 153.1, 337.0, 0.0);								

(488078.0, 3653580.2, 153.1, 337.0, 0.0);	(488103.0, 3653580.2, 152.6, 337.0, 0.0);
(488128.0, 3653580.2, 153.5, 337.0, 0.0);	(488153.0, 3653580.2, 155.2, 337.0, 0.0);
(488178.0, 3653580.2, 157.2, 337.0, 0.0);	(488203.0, 3653580.2, 159.5, 336.0, 0.0);
(488228.0, 3653580.2, 162.8, 337.0, 0.0);	(487603.0, 3653605.2, 169.7, 337.0, 0.0);
(487628.0, 3653605.2, 167.4, 337.0, 0.0);	(487653.0, 3653605.2, 165.5, 337.0, 0.0);
(487678.0, 3653605.2, 164.0, 337.0, 0.0);	(487703.0, 3653605.2, 162.3, 337.0, 0.0);
(487728.0, 3653605.2, 160.4, 337.0, 0.0);	(487753.0, 3653605.2, 158.8, 337.0, 0.0);
(487778.0, 3653605.2, 157.1, 336.0, 0.0);	(488003.0, 3653605.2, 151.7, 337.0, 0.0);
(488028.0, 3653605.2, 151.7, 337.0, 0.0);	(488053.0, 3653605.2, 151.7, 337.0, 0.0);
(488078.0, 3653605.2, 151.7, 337.0, 0.0);	(488103.0, 3653605.2, 151.9, 337.0, 0.0);
(488128.0, 3653605.2, 152.4, 337.0, 0.0);	(488153.0, 3653605.2, 154.2, 337.0, 0.0);
(488178.0, 3653605.2, 157.0, 337.0, 0.0);	(488203.0, 3653605.2, 159.8, 337.0, 0.0);
(488228.0, 3653605.2, 162.8, 336.0, 0.0);	(487603.0, 3653630.2, 169.6, 337.0, 0.0);

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

(487628.0, 3653630.2, 167.8, 337.0, 0.0);	(487653.0, 3653630.2, 165.6, 337.0, 0.0);
(487678.0, 3653630.2, 163.4, 337.0, 0.0);	(487703.0, 3653630.2, 161.9, 337.0, 0.0);
(487728.0, 3653630.2, 160.7, 337.0, 0.0);	(487753.0, 3653630.2, 158.9, 336.0, 0.0);
(487778.0, 3653630.2, 157.1, 337.0, 0.0);	(488003.0, 3653630.2, 150.9, 337.0, 0.0);
(488028.0, 3653630.2, 150.9, 337.0, 0.0);	(488053.0, 3653630.2, 150.9, 337.0, 0.0);
(488078.0, 3653630.2, 151.0, 337.0, 0.0);	(488103.0, 3653630.2, 151.7, 337.0, 0.0);
(488128.0, 3653630.2, 152.0, 337.0, 0.0);	(488153.0, 3653630.2, 153.8, 337.0, 0.0);
(488178.0, 3653630.2, 157.0, 337.0, 0.0);	(488203.0, 3653630.2, 160.2, 337.0, 0.0);
(488228.0, 3653630.2, 162.6, 337.0, 0.0);	(487603.0, 3653655.2, 168.7, 337.0, 0.0);
(487628.0, 3653655.2, 166.2, 337.0, 0.0);	(487653.0, 3653655.2, 165.2, 337.0, 0.0);
(487678.0, 3653655.2, 164.9, 337.0, 0.0);	(487703.0, 3653655.2, 164.0, 337.0, 0.0);
(487728.0, 3653655.2, 162.1, 337.0, 0.0);	(487753.0, 3653655.2, 159.6, 337.0, 0.0);
(487778.0, 3653655.2, 157.1, 337.0, 0.0);	(488003.0, 3653655.2, 150.6, 337.0, 0.0);
(488028.0, 3653655.2, 150.0, 337.0, 0.0);	(488053.0, 3653655.2, 150.2, 337.0, 0.0);
(488078.0, 3653655.2, 151.0, 337.0, 0.0);	(488103.0, 3653655.2, 151.0, 337.0, 0.0);
(488128.0, 3653655.2, 151.6, 337.0, 0.0);	(488153.0, 3653655.2, 153.4, 337.0, 0.0);
(488178.0, 3653655.2, 156.2, 337.0, 0.0);	(488203.0, 3653655.2, 159.3, 337.0, 0.0);
(488228.0, 3653655.2, 161.0, 337.0, 0.0);	(487603.0, 3653680.2, 165.0, 337.0, 0.0);
(487628.0, 3653680.2, 165.2, 337.0, 0.0);	(487653.0, 3653680.2, 165.0, 337.0, 0.0);
(487678.0, 3653680.2, 165.5, 337.0, 0.0);	(487703.0, 3653680.2, 164.5, 337.0, 0.0);
(487728.0, 3653680.2, 161.9, 337.0, 0.0);	(487753.0, 3653680.2, 158.9, 337.0, 0.0);
(487778.0, 3653680.2, 157.1, 337.0, 0.0);	(488003.0, 3653680.2, 150.1, 337.0, 0.0);
(488028.0, 3653680.2, 150.0, 337.0, 0.0);	(488053.0, 3653680.2, 150.0, 337.0, 0.0);
(488078.0, 3653680.2, 150.2, 337.0, 0.0);	(488103.0, 3653680.2, 150.2, 337.0, 0.0);
(488128.0, 3653680.2, 150.8, 337.0, 0.0);	(488153.0, 3653680.2, 152.6, 337.0, 0.0);
(488178.0, 3653680.2, 155.1, 337.0, 0.0);	(488203.0, 3653680.2, 157.6, 337.0, 0.0);
(488228.0, 3653680.2, 159.3, 337.0, 0.0);	(487603.0, 3653705.2, 164.0, 337.0, 0.0);
(487628.0, 3653705.2, 164.4, 337.0, 0.0);	(487653.0, 3653705.2, 164.9, 337.0, 0.0);
(487678.0, 3653705.2, 164.8, 337.0, 0.0);	(487703.0, 3653705.2, 163.4, 337.0, 0.0);
(487728.0, 3653705.2, 160.9, 337.0, 0.0);	(487753.0, 3653705.2, 158.8, 337.0, 0.0);
(487778.0, 3653705.2, 157.1, 337.0, 0.0);	(488003.0, 3653705.2, 155.4, 337.0, 0.0);
(487828.0, 3653705.2, 153.8, 337.0, 0.0);	(487853.0, 3653705.2, 152.5, 337.0, 0.0);
(487878.0, 3653705.2, 152.0, 337.0, 0.0);	(487903.0, 3653705.2, 151.8, 337.0, 0.0);
(487928.0, 3653705.2, 150.4, 337.0, 0.0);	(487953.0, 3653705.2, 150.1, 337.0, 0.0);
(487978.0, 3653705.2, 149.6, 337.0, 0.0);	(488003.0, 3653705.2, 149.4, 337.0, 0.0);
(488028.0, 3653705.2, 149.4, 337.0, 0.0);	(488053.0, 3653705.2, 149.4, 337.0, 0.0);
(488078.0, 3653705.2, 150.0, 337.0, 0.0);	(488103.0, 3653705.2, 150.0, 337.0, 0.0);
(488128.0, 3653705.2, 150.6, 337.0, 0.0);	(488153.0, 3653705.2, 151.8, 337.0, 0.0);
(488178.0, 3653705.2, 153.4, 337.0, 0.0);	(488203.0, 3653705.2, 155.3, 337.0, 0.0);
(488228.0, 3653705.2, 156.4, 337.0, 0.0);	(487603.0, 3653730.2, 161.9, 337.0, 0.0);
(487628.0, 3653730.2, 163.5, 337.0, 0.0);	(487653.0, 3653730.2, 164.0, 337.0, 0.0);
(487678.0, 3653730.2, 163.4, 337.0, 0.0);	(487703.0, 3653730.2, 161.9, 337.0, 0.0);
(487728.0, 3653730.2, 160.0, 337.0, 0.0);	(487753.0, 3653730.2, 158.3, 337.0, 0.0);
(487778.0, 3653730.2, 156.6, 337.0, 0.0);	(487803.0, 3653730.2, 155.0, 337.0, 0.0);
(487828.0, 3653730.2, 153.6, 337.0, 0.0);	(487853.0, 3653730.2, 152.5, 337.0, 0.0);

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

(487878.0, 3653730.2, 152.0, 337.0, 0.0);	(487903.0, 3653730.2, 151.8, 337.0, 0.0);
(487928.0, 3653730.2, 150.1, 337.0, 0.0);	(487953.0, 3653730.2, 149.3, 337.0, 0.0);
(487978.0, 3653730.2, 148.7, 337.0, 0.0);	(488003.0, 3653730.2, 148.5, 337.0, 0.0);
(488028.0, 3653730.2, 148.5, 337.0, 0.0);	(488053.0, 3653730.2, 148.7, 337.0, 0.0);
(488078.0, 3653730.2, 149.5, 337.0, 0.0);	(488103.0, 3653730.2, 149.9, 337.0, 0.0);
(488128.0, 3653730.2, 150.3, 337.0, 0.0);	(488153.0, 3653730.2, 151.0, 337.0, 0.0);
(488178.0, 3653730.2, 152.0, 337.0, 0.0);	(488203.0, 3653730.2, 153.2, 337.0, 0.0);
(488228.0, 3653730.2, 154.0, 337.0, 0.0);	(487603.0, 3653755.2, 159.1, 337.0, 0.0);
(487628.0, 3653755.2, 162.0, 337.0, 0.0);	(487653.0, 3653755.2, 162.3, 337.0, 0.0);
(487678.0, 3653755.2, 161.8, 337.0, 0.0);	(487703.0, 3653755.2, 160.6, 337.0, 0.0);
(487728.0, 3653755.2, 159.1, 337.0, 0.0);	(487753.0, 3653755.2, 157.5, 337.0, 0.0);
(487778.0, 3653755.2, 156.1, 337.0, 0.0);	(487803.0, 3653755.2, 154.4, 337.0, 0.0);
(487828.0, 3653755.2, 153.4, 337.0, 0.0);	(487853.0, 3653755.2, 152.5, 337.0, 0.0);
(487878.0, 3653755.2, 151.8, 337.0, 0.0);	(487903.0, 3653755.2, 151.2, 337.0, 0.0);
(487928.0, 3653755.2, 149.8, 337.0, 0.0);	(487953.0, 3653755.2, 148.4, 337.0, 0.0);
(487978.0, 3653755.2, 147.6, 337.0, 0.0);	(488003.0, 3653755.2, 147.5, 337.0, 0.0);
(488028.0, 3653755.2, 147.7, 337.0, 0.0);	(488053.0, 3653755.2, 147.8, 337.0, 0.0);
(488078.0, 3653755.2, 148.7, 337.0, 0.0);	(488103.0, 3653755.2, 149.5, 337.0, 0.0);
(488128.0, 3653755.2, 149.7, 337.0, 0.0);	(488153.0, 3653755.2, 150.2, 337.0, 0.0);
(488178.0, 3653755.2, 151.0, 337.0, 0.0);	(488203.0, 3653755.2, 151.8, 337.0, 0.0);
(488228.0, 3653755.2, 152.4, 337.0, 0.0);	(487603.0, 3653780.2, 158.0, 337.0, 0.0);
(487628.0, 3653780.2, 159.6, 337.0, 0.0);	(487653.0, 3653780.2, 160.5, 337.0, 0.0);
(487678.0, 3653780.2, 160.2, 337.0, 0.0);	(487703.0, 3653780.2, 159.4, 337.0, 0.0);
(487728.0, 3653780.2, 158.3, 337.0, 0.0);	(487753.0, 3653780.2, 156.7, 337.0, 0.0);
(487778.0, 3653780.2, 155.8, 337.0, 0.0);	(487803.0, 3653780.2, 154.4, 337.0, 0.0);
(487828.0, 3653780.2, 153.4, 337.0, 0.0);	(487853.0, 3653780.2, 152.5, 337.0, 0.0);

(487878.0, 3653780.2, 151.3, 337.0, 0.0);	(487903.0, 3653780.2, 149.9, 337.0, 0.0);
(487928.0, 3653780.2, 149.0, 337.0, 0.0);	(487953.0, 3653780.2, 148.1, 337.0, 0.0);
(487978.0, 3653780.2, 146.7, 337.0, 0.0);	(488003.0, 3653780.2, 146.4, 337.0, 0.0);
(488028.0, 3653780.2, 146.9, 337.0, 0.0);	(488053.0, 3653780.2, 147.1, 337.0, 0.0);
(488078.0, 3653780.2, 147.8, 337.0, 0.0);	(488103.0, 3653780.2, 148.7, 337.0, 0.0);
(488128.0, 3653780.2, 148.9, 337.0, 0.0);	(488153.0, 3653780.2, 149.3, 337.0, 0.0);
(488178.0, 3653780.2, 150.2, 337.0, 0.0);	(488203.0, 3653780.2, 150.9, 337.0, 0.0);
(488228.0, 3653780.2, 150.9, 337.0, 0.0);	(487603.0, 3653805.2, 156.3, 337.0, 0.0);
(487628.0, 3653805.2, 158.0, 337.0, 0.0);	(487653.0, 3653805.2, 158.9, 337.0, 0.0);
(487678.0, 3653805.2, 159.0, 337.0, 0.0);	(487703.0, 3653805.2, 158.6, 337.0, 0.0);
(487728.0, 3653805.2, 157.5, 337.0, 0.0);	(487753.0, 3653805.2, 155.8, 337.0, 0.0);
(487778.0, 3653805.2, 154.2, 337.0, 0.0);	(487803.0, 3653805.2, 154.0, 337.0, 0.0);
(487828.0, 3653805.2, 153.4, 337.0, 0.0);	(487853.0, 3653805.2, 152.1, 337.0, 0.0);
(487878.0, 3653805.2, 150.7, 337.0, 0.0);	(487903.0, 3653805.2, 149.9, 337.0, 0.0);
(487928.0, 3653805.2, 149.0, 337.0, 0.0);	(487953.0, 3653805.2, 147.4, 337.0, 0.0);
(487978.0, 3653805.2, 146.4, 337.0, 0.0);	(488003.0, 3653805.2, 146.0, 337.0, 0.0);
(488028.0, 3653805.2, 146.3, 337.0, 0.0);	(488053.0, 3653805.2, 147.0, 337.0, 0.0);
(488078.0, 3653805.2, 147.0, 337.0, 0.0);	(488103.0, 3653805.2, 147.8, 337.0, 0.0);
(488128.0, 3653805.2, 148.0, 337.0, 0.0);	(488153.0, 3653805.2, 148.5, 337.0, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data	
*** DISCRETE CARTESIAN RECEPTORS ***	
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)	
(METERS)	
(488178.0, 3653805.2, 149.3, 337.0, 0.0);	(488203.0, 3653805.2, 150.0, 337.0, 0.0);
(488228.0, 3653805.2, 150.0, 337.0, 0.0);	(487603.0, 3653830.2, 154.6, 337.0, 0.0);
(487628.0, 3653830.2, 156.3, 337.0, 0.0);	(487653.0, 3653830.2, 157.2, 337.0, 0.0);
(487678.0, 3653830.2, 157.4, 337.0, 0.0);	(487703.0, 3653830.2, 156.9, 337.0, 0.0);
(487728.0, 3653830.2, 156.1, 337.0, 0.0);	(487753.0, 3653830.2, 155.0, 337.0, 0.0);
(487778.0, 3653830.2, 153.3, 337.0, 0.0);	(487803.0, 3653830.2, 152.6, 337.0, 0.0);
(487828.0, 3653830.2, 152.3, 337.0, 0.0);	(487853.0, 3653830.2, 151.7, 337.0, 0.0);
(487878.0, 3653830.2, 150.7, 337.0, 0.0);	(487903.0, 3653830.2, 149.8, 337.0, 0.0);
(487928.0, 3653830.2, 148.3, 337.0, 0.0);	(487953.0, 3653830.2, 147.2, 337.0, 0.0);
(487978.0, 3653830.2, 146.4, 337.0, 0.0);	(488003.0, 3653830.2, 146.0, 337.0, 0.0);
(488028.0, 3653830.2, 146.1, 337.0, 0.0);	(488053.0, 3653830.2, 146.2, 337.0, 0.0);
(488078.0, 3653830.2, 146.2, 337.0, 0.0);	(488103.0, 3653830.2, 147.0, 337.0, 0.0);
(488128.0, 3653830.2, 147.7, 337.0, 0.0);	(488153.0, 3653830.2, 148.1, 337.0, 0.0);
(488178.0, 3653830.2, 148.5, 337.0, 0.0);	(488203.0, 3653830.2, 149.2, 337.0, 0.0);
(488228.0, 3653830.2, 149.2, 337.0, 0.0);	(487603.0, 3653855.2, 153.0, 337.0, 0.0);
(487628.0, 3653855.2, 154.6, 337.0, 0.0);	(487653.0, 3653855.2, 155.0, 337.0, 0.0);
(487678.0, 3653855.2, 155.1, 337.0, 0.0);	(487703.0, 3653855.2, 154.9, 337.0, 0.0);
(487728.0, 3653855.2, 154.4, 337.0, 0.0);	(487753.0, 3653855.2, 153.6, 337.0, 0.0);
(487778.0, 3653855.2, 152.4, 337.0, 0.0);	(487803.0, 3653855.2, 151.6, 337.0, 0.0);
(487828.0, 3653855.2, 151.4, 337.0, 0.0);	(487853.0, 3653855.2, 150.9, 337.0, 0.0);
(487878.0, 3653855.2, 150.1, 337.0, 0.0);	(487903.0, 3653855.2, 149.2, 337.0, 0.0);
(487928.0, 3653855.2, 148.1, 337.0, 0.0);	(487953.0, 3653855.2, 147.2, 337.0, 0.0);
(487978.0, 3653855.2, 146.4, 337.0, 0.0);	(488003.0, 3653855.2, 146.0, 337.0, 0.0);
(488028.0, 3653855.2, 146.0, 337.0, 0.0);	(488053.0, 3653855.2, 146.0, 337.0, 0.0);
(488078.0, 3653855.2, 146.0, 337.0, 0.0);	(488103.0, 3653855.2, 146.3, 337.0, 0.0);
(488128.0, 3653855.2, 147.0, 337.0, 0.0);	(488153.0, 3653855.2, 147.4, 337.0, 0.0);
(488178.0, 3653855.2, 147.5, 337.0, 0.0);	(488203.0, 3653855.2, 147.8, 337.0, 0.0);
(488228.0, 3653855.2, 148.3, 337.0, 0.0);	(487603.0, 3653880.2, 151.2, 337.0, 0.0);
(487628.0, 3653880.2, 152.5, 337.0, 0.0);	(487653.0, 3653880.2, 153.0, 337.0, 0.0);
(487678.0, 3653880.2, 153.1, 337.0, 0.0);	(487703.0, 3653880.2, 153.1, 337.0, 0.0);
(487728.0, 3653880.2, 152.9, 337.0, 0.0);	(487753.0, 3653880.2, 152.4, 337.0, 0.0);
(487778.0, 3653880.2, 151.6, 337.0, 0.0);	(487803.0, 3653880.2, 150.7, 337.0, 0.0);
(487828.0, 3653880.2, 150.5, 337.0, 0.0);	(487853.0, 3653880.2, 150.1, 337.0, 0.0);
(487878.0, 3653880.2, 149.2, 337.0, 0.0);	(487903.0, 3653880.2, 148.5, 337.0, 0.0);
(487928.0, 3653880.2, 148.0, 337.0, 0.0);	(487953.0, 3653880.2, 147.2, 337.0, 0.0);
(487978.0, 3653880.2, 146.4, 337.0, 0.0);	(488003.0, 3653880.2, 146.0, 337.0, 0.0);
(488028.0, 3653880.2, 146.0, 337.0, 0.0);	(488053.0, 3653880.2, 146.0, 337.0, 0.0);
(488078.0, 3653880.2, 146.0, 337.0, 0.0);	(488103.0, 3653880.2, 146.0, 337.0, 0.0);
(488128.0, 3653880.2, 146.3, 337.0, 0.0);	(488153.0, 3653880.2, 146.8, 337.0, 0.0);
(488178.0, 3653880.2, 147.0, 337.0, 0.0);	(488203.0, 3653880.2, 147.1, 337.0, 0.0);
(488228.0, 3653880.2, 147.5, 337.0, 0.0);	(487603.0, 3653905.2, 149.5, 337.0, 0.0);
(487628.0, 3653905.2, 150.4, 337.0, 0.0);	(487653.0, 3653905.2, 151.0, 337.0, 0.0);
(487678.0, 3653905.2, 151.3, 337.0, 0.0);	(487703.0, 3653905.2, 151.4, 337.0, 0.0);
(487728.0, 3653905.2, 151.3, 337.0, 0.0);	(487753.0, 3653905.2, 151.0, 337.0, 0.0);
(487778.0, 3653905.2, 150.4, 337.0, 0.0);	(487803.0, 3653905.2, 149.6, 337.0, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data	
*** DISCRETE CARTESIAN RECEPTORS ***	
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)	
(METERS)	
(487828.0, 3653905.2, 149.4, 337.0, 0.0);	(487853.0, 3653905.2, 149.1, 337.0, 0.0);
(487878.0, 3653905.2, 148.4, 337.0, 0.0);	(487903.0, 3653905.2, 147.7, 337.0, 0.0);
(487928.0, 3653905.2, 147.7, 337.0, 0.0);	(487953.0, 3653905.2, 146.9, 337.0, 0.0);
(487978.0, 3653905.2, 146.3, 337.0, 0.0);	(488003.0, 3653905.2, 146.0, 337.0, 0.0);
(488028.0, 3653905.2, 145.9, 337.0, 0.0);	(488053.0, 3653905.2, 145.7, 337.0, 0.0);
(488078.0, 3653905.2, 145.7, 337.0, 0.0);	(488103.0, 3653905.2, 145.9, 337.0, 0.0);
(488128.0, 3653905.2, 146.0, 337.0, 0.0);	(488153.0, 3653905.2, 146.3, 337.0, 0.0);
(488178.0, 3653905.2, 146.7, 337.0, 0.0);	(488203.0, 3653905.2, 146.7, 337.0, 0.0);
(488228.0, 3653905.2, 146.7, 337.0, 0.0);	(487353.0, 3653105.2, 151.4, 337.0, 0.0);
(487403.0, 3653105.2, 146.1, 159.0, 0.0);	(487453.0, 3653105.2, 132.2, 166.0, 0.0);
(487503.0, 3653105.2, 132.1, 170.0, 0.0);	(487553.0, 3653105.2, 140.3, 166.0, 0.0);
(487603.0, 3653105.2, 149.9, 166.0, 0.0);	(487653.0, 3653105.2, 156.4, 164.0, 0.0);
(487703.0, 3653105.2, 161.7, 164.0, 0.0);	(487753.0, 3653105.2, 165.6, 165.6, 0.0);
(487803.0, 3653105.2, 165.2, 165.2, 0.0);	(487853.0, 3653105.2, 164.3, 164.3, 0.0);
(487903.0, 3653105.2, 162.7, 170.0, 0.0);	(487953.0, 3653105.2, 160.8, 171.0, 0.0);
(488003.0, 3653105.2, 161.9, 161.9, 0.0);	(488053.0, 3653105.2, 161.8, 172.0, 0.0);
(488103.0, 3653105.2, 160.5, 172.0, 0.0);	(488153.0, 3653105.2, 157.0, 172.0, 0.0);
(488203.0, 3653105.2, 152.8, 172.0, 0.0);	(488253.0, 3653105.2, 156.1, 156.1, 0.0);
(488303.0, 3653105.2, 158.0, 161.0, 0.0);	(488353.0, 3653105.2, 159.2, 169.0, 0.0);
(488403.0, 3653105.2, 160.2, 169.0, 0.0);	(488453.0, 3653105.2, 163.9, 163.9, 0.0);

(487353.0, 3653155.2, 155.4, 155.4, 0.0);	(487403.0, 3653155.2, 151.4, 155.0, 0.0);
(487453.0, 3653155.2, 138.9, 166.0, 0.0);	(487503.0, 3653155.2, 133.0, 170.0, 0.0);
(487553.0, 3653155.2, 141.0, 166.0, 0.0);	(487603.0, 3653155.2, 142.7, 170.0, 0.0);
(487653.0, 3653155.2, 148.2, 170.0, 0.0);	(487703.0, 3653155.2, 160.3, 166.0, 0.0);
(487753.0, 3653155.2, 165.5, 165.5, 0.0);	(487803.0, 3653155.2, 166.0, 166.0, 0.0);
(487853.0, 3653155.2, 168.3, 168.3, 0.0);	(487903.0, 3653155.2, 167.8, 170.0, 0.0);
(487953.0, 3653155.2, 167.0, 167.0, 0.0);	(488003.0, 3653155.2, 166.9, 166.9, 0.0);
(488053.0, 3653155.2, 166.8, 172.0, 0.0);	(488103.0, 3653155.2, 163.8, 172.0, 0.0);
(488153.0, 3653155.2, 161.4, 171.0, 0.0);	(488203.0, 3653155.2, 157.3, 172.0, 0.0);
(488253.0, 3653155.2, 153.6, 172.0, 0.0);	(488303.0, 3653155.2, 153.6, 161.0, 0.0);
(488353.0, 3653155.2, 155.9, 155.9, 0.0);	(488403.0, 3653155.2, 158.6, 172.0, 0.0);
(488453.0, 3653155.2, 164.5, 170.0, 0.0);	(487353.0, 3653205.2, 157.4, 157.4, 0.0);
(487403.0, 3653205.2, 150.4, 165.0, 0.0);	(487453.0, 3653205.2, 138.8, 166.0, 0.0);
(487503.0, 3653205.2, 136.2, 166.0, 0.0);	(487553.0, 3653205.2, 151.6, 165.0, 0.0);
(487603.0, 3653205.2, 158.6, 158.6, 0.0);	(487653.0, 3653205.2, 155.3, 165.0, 0.0);
(487703.0, 3653205.2, 151.1, 171.0, 0.0);	(487753.0, 3653205.2, 158.9, 169.0, 0.0);
(487803.0, 3653205.2, 165.6, 165.6, 0.0);	(487853.0, 3653205.2, 168.9, 168.9, 0.0);
(487903.0, 3653205.2, 171.0, 171.0, 0.0);	(487953.0, 3653205.2, 170.9, 170.9, 0.0);
(488003.0, 3653205.2, 171.4, 171.4, 0.0);	(488053.0, 3653205.2, 171.8, 171.8, 0.0);
(488103.0, 3653205.2, 168.5, 171.0, 0.0);	(488153.0, 3653205.2, 164.0, 172.0, 0.0);
(488203.0, 3653205.2, 160.7, 172.0, 0.0);	(488253.0, 3653205.2, 157.9, 172.0, 0.0);
(488303.0, 3653205.2, 155.5, 162.0, 0.0);	(488353.0, 3653205.2, 156.2, 168.0, 0.0);
(488403.0, 3653205.2, 159.6, 170.0, 0.0);	(488453.0, 3653205.2, 165.3, 170.0, 0.0);
(487353.0, 3653255.2, 159.2, 162.0, 0.0);	(487403.0, 3653255.2, 150.2, 166.0, 0.0);
(487453.0, 3653255.2, 150.0, 160.0, 0.0);	(487503.0, 3653255.2, 141.1, 166.0, 0.0);

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

(487553.0, 3653255.2, 150.5, 166.0, 0.0);	(487603.0, 3653255.2, 160.2, 160.2, 0.0);
(487653.0, 3653255.2, 163.2, 165.0, 0.0);	(487703.0, 3653255.2, 162.5, 162.5, 0.0);
(487753.0, 3653255.2, 164.0, 164.0, 0.0);	(487803.0, 3653255.2, 166.2, 166.2, 0.0);
(487853.0, 3653255.2, 168.5, 168.5, 0.0);	(487903.0, 3653255.2, 169.4, 169.4, 0.0);
(487953.0, 3653255.2, 170.2, 170.2, 0.0);	(488003.0, 3653255.2, 170.5, 170.5, 0.0);
(488053.0, 3653255.2, 171.4, 171.4, 0.0);	(488103.0, 3653255.2, 171.6, 171.6, 0.0);
(488153.0, 3653255.2, 169.5, 172.0, 0.0);	(488203.0, 3653255.2, 164.7, 172.0, 0.0);
(488253.0, 3653255.2, 161.3, 164.0, 0.0);	(488303.0, 3653255.2, 160.5, 160.5, 0.0);
(488353.0, 3653255.2, 160.1, 160.1, 0.0);	(488403.0, 3653255.2, 162.9, 162.9, 0.0);
(488453.0, 3653255.2, 164.8, 164.8, 0.0);	(487353.0, 3653305.2, 159.9, 159.9, 0.0);
(487403.0, 3653305.2, 157.1, 160.0, 0.0);	(487453.0, 3653305.2, 158.7, 160.0, 0.0);
(487503.0, 3653305.2, 147.3, 166.0, 0.0);	(487553.0, 3653305.2, 151.6, 166.0, 0.0);
(487603.0, 3653305.2, 160.7, 160.7, 0.0);	(487653.0, 3653305.2, 164.8, 164.8, 0.0);
(487703.0, 3653305.2, 165.1, 165.1, 0.0);	(487753.0, 3653305.2, 166.0, 166.0, 0.0);
(487803.0, 3653305.2, 166.0, 166.0, 0.0);	(487853.0, 3653305.2, 166.7, 166.7, 0.0);
(487903.0, 3653305.2, 166.4, 166.4, 0.0);	(487953.0, 3653305.2, 166.4, 166.4, 0.0);
(488003.0, 3653305.2, 167.2, 167.2, 0.0);	(488053.0, 3653305.2, 168.2, 168.2, 0.0);
(488103.0, 3653305.2, 169.9, 171.0, 0.0);	(488153.0, 3653305.2, 170.1, 170.1, 0.0);
(488203.0, 3653305.2, 167.7, 167.7, 0.0);	(488253.0, 3653305.2, 164.6, 164.6, 0.0);
(488303.0, 3653305.2, 164.5, 164.5, 0.0);	(488353.0, 3653305.2, 164.0, 164.0, 0.0);
(488403.0, 3653305.2, 163.5, 163.5, 0.0);	(488453.0, 3653305.2, 162.2, 162.2, 0.0);
(487353.0, 3653355.2, 161.4, 161.4, 0.0);	(487403.0, 3653355.2, 160.0, 160.0, 0.0);
(487453.0, 3653355.2, 159.5, 160.0, 0.0);	(487503.0, 3653355.2, 155.8, 166.0, 0.0);
(487553.0, 3653355.2, 154.6, 166.0, 0.0);	(488253.0, 3653355.2, 167.0, 167.0, 0.0);
(488303.0, 3653355.2, 165.5, 165.5, 0.0);	(488353.0, 3653355.2, 162.9, 162.9, 0.0);
(488403.0, 3653355.2, 161.2, 161.2, 0.0);	(488453.0, 3653355.2, 159.1, 159.1, 0.0);
(487353.0, 3653405.2, 162.1, 162.1, 0.0);	(487403.0, 3653405.2, 161.3, 161.3, 0.0);
(487453.0, 3653405.2, 162.2, 162.2, 0.0);	(487503.0, 3653405.2, 161.5, 163.0, 0.0);
(487553.0, 3653405.2, 162.3, 162.3, 0.0);	(488253.0, 3653405.2, 168.0, 168.0, 0.0);
(488303.0, 3653405.2, 166.5, 166.5, 0.0);	(488353.0, 3653405.2, 163.7, 163.7, 0.0);
(488403.0, 3653405.2, 159.8, 159.8, 0.0);	(488453.0, 3653405.2, 157.7, 157.7, 0.0);
(487353.0, 3653455.2, 160.6, 160.6, 0.0);	(487403.0, 3653455.2, 161.2, 161.2, 0.0);
(487453.0, 3653455.2, 163.1, 163.1, 0.0);	(487503.0, 3653455.2, 164.2, 164.2, 0.0);
(487553.0, 3653455.2, 165.7, 165.7, 0.0);	(488253.0, 3653455.2, 167.0, 167.0, 0.0);
(488303.0, 3653455.2, 165.1, 165.1, 0.0);	(488353.0, 3653455.2, 162.0, 162.0, 0.0);
(488403.0, 3653455.2, 158.4, 158.4, 0.0);	(488453.0, 3653455.2, 157.4, 157.4, 0.0);
(487353.0, 3653505.2, 157.9, 157.9, 0.0);	(487403.0, 3653505.2, 158.5, 158.5, 0.0);
(487453.0, 3653505.2, 161.3, 161.3, 0.0);	(487503.0, 3653505.2, 163.8, 163.8, 0.0);
(487553.0, 3653505.2, 165.0, 165.0, 0.0);	(488253.0, 3653505.2, 166.0, 166.0, 0.0);
(488303.0, 3653505.2, 166.0, 166.0, 0.0);	(488353.0, 3653505.2, 163.6, 164.0, 0.0);
(488403.0, 3653505.2, 158.6, 166.0, 0.0);	(488453.0, 3653505.2, 156.6, 317.0, 0.0);
(487353.0, 3653555.2, 152.5, 158.0, 0.0);	(487403.0, 3653555.2, 156.2, 156.2, 0.0);
(487453.0, 3653555.2, 160.2, 160.2, 0.0);	(487503.0, 3653555.2, 162.7, 162.7, 0.0);
(487553.0, 3653555.2, 165.3, 165.3, 0.0);	(488253.0, 3653555.2, 166.0, 166.0, 0.0);
(488303.0, 3653555.2, 165.9, 165.9, 0.0);	(488353.0, 3653555.2, 163.6, 166.0, 0.0);

*** AERMOD - VERSION 23132	*** Cambridge School HRA	***	06/11/24
*** AERMET - VERSION 19191	***	***	12:26:42
*** MODELOPTs:	RegDFAULT CONC ELEV FLGPOL RURAL SigA Data		PAGE 24

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

(488403.0, 3653555.2, 158.4, 317.0, 0.0);	(488453.0, 3653555.2, 155.9, 336.0, 0.0);
(487353.0, 3653605.2, 148.9, 160.0, 0.0);	(487403.0, 3653605.2, 155.0, 160.0, 0.0);
(487453.0, 3653605.2, 159.6, 159.6, 0.0);	(487503.0, 3653605.2, 162.3, 170.0, 0.0);
(487553.0, 3653605.2, 166.8, 170.0, 0.0);	(488253.0, 3653605.2, 164.4, 317.0, 0.0);
(488303.0, 3653605.2, 162.5, 336.0, 0.0);	(488353.0, 3653605.2, 159.1, 337.0, 0.0);
(488403.0, 3653605.2, 156.4, 337.0, 0.0);	(488453.0, 3653605.2, 154.2, 337.0, 0.0);
(487353.0, 3653655.2, 147.4, 337.0, 0.0);	(487403.0, 3653655.2, 153.0, 170.0, 0.0);
(487453.0, 3653655.2, 156.4, 170.0, 0.0);	(487503.0, 3653655.2, 160.6, 170.0, 0.0);
(487553.0, 3653655.2, 165.9, 170.0, 0.0);	(488253.0, 3653655.2, 161.1, 337.0, 0.0);
(488303.0, 3653655.2, 159.1, 337.0, 0.0);	(488353.0, 3653655.2, 155.8, 337.0, 0.0);
(488403.0, 3653655.2, 153.2, 337.0, 0.0);	(488453.0, 3653655.2, 152.6, 337.0, 0.0);
(487353.0, 3653705.2, 145.6, 337.0, 0.0);	(487403.0, 3653705.2, 149.6, 337.0, 0.0);
(487453.0, 3653705.2, 153.5, 337.0, 0.0);	(487503.0, 3653705.2, 158.3, 170.0, 0.0);
(487553.0, 3653705.2, 161.8, 170.0, 0.0);	(488253.0, 3653705.2, 156.5, 337.0, 0.0);

(488303.0, 3653705.2, 154.0, 337.0, 0.0);	(488353.0, 3653705.2, 151.3, 337.0, 0.0);
(488403.0, 3653705.2, 150.7, 337.0, 0.0);	(488453.0, 3653705.2, 150.5, 337.0, 0.0);
(487353.0, 3653755.2, 144.3, 337.0, 0.0);	(487403.0, 3653755.2, 147.6, 337.0, 0.0);
(487453.0, 3653755.2, 151.0, 337.0, 0.0);	(487503.0, 3653755.2, 154.0, 337.0, 0.0);
(487553.0, 3653755.2, 156.0, 337.0, 0.0);	(488253.0, 3653755.2, 151.7, 337.0, 0.0);
(488303.0, 3653755.2, 150.6, 337.0, 0.0);	(488353.0, 3653755.2, 149.3, 337.0, 0.0);
(488403.0, 3653755.2, 147.9, 337.0, 0.0);	(488453.0, 3653755.2, 147.1, 337.0, 0.0);
(487353.0, 3653805.2, 142.8, 337.0, 0.0);	(487403.0, 3653805.2, 145.5, 337.0, 0.0);
(487453.0, 3653805.2, 147.1, 337.0, 0.0);	(487503.0, 3653805.2, 148.7, 337.0, 0.0);
(487553.0, 3653805.2, 152.4, 337.0, 0.0);	(488253.0, 3653805.2, 149.1, 337.0, 0.0);
(488303.0, 3653805.2, 148.0, 337.0, 0.0);	(488353.0, 3653805.2, 146.9, 337.0, 0.0);
(488403.0, 3653805.2, 146.0, 337.0, 0.0);	(488453.0, 3653805.2, 146.5, 337.0, 0.0);
(487353.0, 3653855.2, 141.2, 337.0, 0.0);	(487403.0, 3653855.2, 142.8, 337.0, 0.0);
(487453.0, 3653855.2, 144.4, 337.0, 0.0);	(487503.0, 3653855.2, 146.1, 337.0, 0.0);
(487553.0, 3653855.2, 149.6, 337.0, 0.0);	(488253.0, 3653855.2, 147.4, 337.0, 0.0);
(488303.0, 3653855.2, 146.4, 337.0, 0.0);	(488353.0, 3653855.2, 146.0, 337.0, 0.0);
(488403.0, 3653855.2, 146.8, 337.0, 0.0);	(488453.0, 3653855.2, 147.0, 337.0, 0.0);
(487353.0, 3653905.2, 138.4, 337.0, 0.0);	(487403.0, 3653905.2, 140.5, 337.0, 0.0);
(487453.0, 3653905.2, 142.2, 337.0, 0.0);	(487503.0, 3653905.2, 144.5, 337.0, 0.0);
(487553.0, 3653905.2, 147.5, 337.0, 0.0);	(488253.0, 3653905.2, 146.0, 337.0, 0.0);
(488303.0, 3653905.2, 146.0, 337.0, 0.0);	(488353.0, 3653905.2, 146.0, 337.0, 0.0);
(488403.0, 3653905.2, 146.6, 337.0, 0.0);	(488453.0, 3653905.2, 146.7, 337.0, 0.0);
(487353.0, 3653955.2, 136.6, 337.0, 0.0);	(487403.0, 3653955.2, 138.9, 337.0, 0.0);
(487453.0, 3653955.2, 141.2, 337.0, 0.0);	(487503.0, 3653955.2, 143.6, 337.0, 0.0);
(487553.0, 3653955.2, 144.5, 337.0, 0.0);	(487603.0, 3653955.2, 146.2, 337.0, 0.0);
(487653.0, 3653955.2, 147.1, 337.0, 0.0);	(487703.0, 3653955.2, 147.1, 337.0, 0.0);
(487753.0, 3653955.2, 147.1, 337.0, 0.0);	(487803.0, 3653955.2, 147.8, 337.0, 0.0);
(487853.0, 3653955.2, 147.0, 337.0, 0.0);	(487903.0, 3653955.2, 146.0, 337.0, 0.0);
(487953.0, 3653955.2, 146.0, 337.0, 0.0);	(488003.0, 3653955.2, 146.0, 337.0, 0.0);
(488053.0, 3653955.2, 145.0, 337.0, 0.0);	(488103.0, 3653955.2, 145.8, 337.0, 0.0);
(488153.0, 3653955.2, 146.0, 337.0, 0.0);	(488203.0, 3653955.2, 145.0, 337.0, 0.0);

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

(488253.0, 3653955.2, 145.0, 337.0, 0.0);	(488303.0, 3653955.2, 146.0, 337.0, 0.0);
(488353.0, 3653955.2, 146.0, 337.0, 0.0);	(488403.0, 3653955.2, 146.0, 337.0, 0.0);
(488453.0, 3653955.2, 146.5, 337.0, 0.0);	(487353.0, 3654005.2, 135.6, 337.0, 0.0);
(487403.0, 3654005.2, 138.3, 337.0, 0.0);	(487453.0, 3654005.2, 140.5, 337.0, 0.0);
(487503.0, 3654005.2, 141.4, 337.0, 0.0);	(487553.0, 3654005.2, 142.5, 337.0, 0.0);
(487603.0, 3654005.2, 142.8, 337.0, 0.0);	(487653.0, 3654005.2, 143.1, 337.0, 0.0);
(487703.0, 3654005.2, 143.1, 337.0, 0.0);	(487753.0, 3654005.2, 145.4, 337.0, 0.0);
(487803.0, 3654005.2, 146.0, 337.0, 0.0);	(487853.0, 3654005.2, 146.0, 337.0, 0.0);
(487903.0, 3654005.2, 146.7, 337.0, 0.0);	(487953.0, 3654005.2, 146.8, 337.0, 0.0);
(488003.0, 3654005.2, 146.0, 337.0, 0.0);	(488053.0, 3654005.2, 145.0, 337.0, 0.0);
(488103.0, 3654005.2, 145.0, 337.0, 0.0);	(488153.0, 3654005.2, 145.0, 337.0, 0.0);
(488203.0, 3654005.2, 145.0, 337.0, 0.0);	(488253.0, 3654005.2, 145.0, 337.0, 0.0);
(488303.0, 3654005.2, 146.3, 337.0, 0.0);	(488353.0, 3654005.2, 146.8, 337.0, 0.0);
(488403.0, 3654005.2, 147.6, 337.0, 0.0);	(488453.0, 3654005.2, 147.6, 337.0, 0.0);
(487353.0, 3654055.2, 134.5, 337.0, 0.0);	(487403.0, 3654055.2, 135.9, 337.0, 0.0);
(487453.0, 3654055.2, 137.2, 337.0, 0.0);	(487503.0, 3654055.2, 138.0, 337.0, 0.0);
(487553.0, 3654055.2, 140.0, 337.0, 0.0);	(487603.0, 3654055.2, 139.7, 337.0, 0.0);
(487653.0, 3654055.2, 139.9, 337.0, 0.0);	(487703.0, 3654055.2, 142.9, 337.0, 0.0);
(487753.0, 3654055.2, 146.6, 337.0, 0.0);	(487803.0, 3654055.2, 147.0, 337.0, 0.0);
(487853.0, 3654055.2, 148.1, 337.0, 0.0);	(487903.0, 3654055.2, 152.6, 337.0, 0.0);
(487953.0, 3654055.2, 150.8, 337.0, 0.0);	(488003.0, 3654055.2, 146.4, 337.0, 0.0);
(488053.0, 3654055.2, 145.0, 337.0, 0.0);	(488103.0, 3654055.2, 145.0, 337.0, 0.0);
(488153.0, 3654055.2, 146.0, 337.0, 0.0);	(488203.0, 3654055.2, 146.0, 337.0, 0.0);
(488253.0, 3654055.2, 145.3, 337.0, 0.0);	(488303.0, 3654055.2, 146.8, 337.0, 0.0);
(488353.0, 3654055.2, 148.0, 337.0, 0.0);	(488403.0, 3654055.2, 148.9, 337.0, 0.0);
(488453.0, 3654055.2, 149.3, 337.0, 0.0);	(487353.0, 3654105.2, 132.8, 442.0, 0.0);
(487403.0, 3654105.2, 134.5, 442.0, 0.0);	(487453.0, 3654105.2, 135.0, 442.0, 0.0);
(487503.0, 3654105.2, 135.0, 442.0, 0.0);	(487553.0, 3654105.2, 138.5, 442.0, 0.0);
(487603.0, 3654105.2, 139.1, 337.0, 0.0);	(487653.0, 3654105.2, 141.5, 337.0, 0.0);
(487703.0, 3654105.2, 149.7, 337.0, 0.0);	(487753.0, 3654105.2, 153.9, 337.0, 0.0);
(487803.0, 3654105.2, 153.1, 337.0, 0.0);	(487853.0, 3654105.2, 153.4, 337.0, 0.0);
(487903.0, 3654105.2, 153.9, 337.0, 0.0);	(487953.0, 3654105.2, 149.9, 337.0, 0.0);
(488003.0, 3654105.2, 144.6, 337.0, 0.0);	(488053.0, 3654105.2, 144.2, 337.0, 0.0);
(488103.0, 3654105.2, 145.8, 337.0, 0.0);	(488153.0, 3654105.2, 146.4, 337.0, 0.0);
(488203.0, 3654105.2, 147.0, 337.0, 0.0);	(488253.0, 3654105.2, 147.0, 337.0, 0.0);
(488303.0, 3654105.2, 148.9, 337.0, 0.0);	(488353.0, 3654105.2, 150.0, 337.0, 0.0);
(488403.0, 3654105.2, 150.0, 337.0, 0.0);	(488453.0, 3654105.2, 150.0, 337.0, 0.0);
(487353.0, 3654155.2, 138.8, 442.0, 0.0);	(487403.0, 3654155.2, 140.1, 442.0, 0.0);
(487453.0, 3654155.2, 138.2, 442.0, 0.0);	(487503.0, 3654155.2, 136.8, 442.0, 0.0);
(487553.0, 3654155.2, 137.5, 442.0, 0.0);	(487603.0, 3654155.2, 139.1, 442.0, 0.0);
(487653.0, 3654155.2, 143.4, 337.0, 0.0);	(487703.0, 3654155.2, 149.2, 337.0, 0.0);
(487753.0, 3654155.2, 151.7, 337.0, 0.0);	(487803.0, 3654155.2, 152.5, 337.0, 0.0);
(487853.0, 3654155.2, 156.0, 337.0, 0.0);	(487903.0, 3654155.2, 149.8, 337.0, 0.0);
(487953.0, 3654155.2, 144.5, 337.0, 0.0);	(488003.0, 3654155.2, 142.2, 337.0, 0.0);
(488053.0, 3654155.2, 143.6, 337.0, 0.0);	(488103.0, 3654155.2, 146.3, 337.0, 0.0);

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

(488153.0, 3654155.2, 148.1, 337.0, 0.0);	(488203.0, 3654155.2, 148.7, 337.0, 0.0);
(488253.0, 3654155.2, 149.6, 337.0, 0.0);	(488303.0, 3654155.2, 151.4, 337.0, 0.0);
(488353.0, 3654155.2, 152.2, 337.0, 0.0);	(488403.0, 3654155.2, 151.6, 337.0, 0.0);
(488453.0, 3654155.2, 151.3, 337.0, 0.0);	(486853.0, 3652605.2, 132.8, 139.0, 0.0);
(486953.0, 3652605.2, 109.0, 153.0, 0.0);	(487053.0, 3652605.2, 113.0, 151.0, 0.0);
(487153.0, 3652605.2, 103.8, 159.0, 0.0);	(487253.0, 3652605.2, 113.3, 156.0, 0.0);
(487353.0, 3652605.2, 141.5, 147.0, 0.0);	(487453.0, 3652605.2, 144.6, 145.0, 0.0);
(487553.0, 3652605.2, 130.9, 156.0, 0.0);	(487653.0, 3652605.2, 120.7, 166.0, 0.0);

(487753.0, 3652605.2, 146.6, 152.0, 0.0);	(487853.0, 3652605.2, 152.2, 156.0, 0.0);
(487953.0, 3652605.2, 153.1, 158.0, 0.0);	(488053.0, 3652605.2, 159.9, 159.9, 0.0);
(488153.0, 3652605.2, 154.6, 156.0, 0.0);	(488253.0, 3652605.2, 142.0, 170.0, 0.0);
(488353.0, 3652605.2, 161.4, 161.4, 0.0);	(488453.0, 3652605.2, 166.0, 166.0, 0.0);
(488553.0, 3652605.2, 158.4, 178.0, 0.0);	(488653.0, 3652605.2, 164.6, 183.0, 0.0);
(488753.0, 3652605.2, 178.5, 178.5, 0.0);	(488853.0, 3652605.2, 183.0, 183.0, 0.0);
(488953.0, 3652605.2, 184.0, 184.0, 0.0);	(486853.0, 3652705.2, 129.2, 146.0, 0.0);
(486953.0, 3652705.2, 128.4, 147.0, 0.0);	(487053.0, 3652705.2, 128.4, 150.0, 0.0);
(487153.0, 3652705.2, 115.5, 156.0, 0.0);	(487253.0, 3652705.2, 110.7, 162.0, 0.0);
(487353.0, 3652705.2, 126.8, 157.0, 0.0);	(487453.0, 3652705.2, 139.8, 156.0, 0.0);
(487553.0, 3652705.2, 146.7, 155.0, 0.0);	(487653.0, 3652705.2, 129.7, 165.0, 0.0);
(487753.0, 3652705.2, 134.9, 166.0, 0.0);	(487853.0, 3652705.2, 151.8, 151.8, 0.0);
(487953.0, 3652705.2, 159.8, 165.0, 0.0);	(488053.0, 3652705.2, 163.2, 163.2, 0.0);
(488153.0, 3652705.2, 158.8, 165.0, 0.0);	(488253.0, 3652705.2, 151.9, 170.0, 0.0);
(488353.0, 3652705.2, 160.2, 166.0, 0.0);	(488453.0, 3652705.2, 166.8, 166.8, 0.0);
(488553.0, 3652705.2, 163.8, 171.0, 0.0);	(488653.0, 3652705.2, 168.8, 171.0, 0.0);
(488753.0, 3652705.2, 172.5, 183.0, 0.0);	(488853.0, 3652705.2, 181.3, 181.3, 0.0);
(488953.0, 3652705.2, 183.7, 183.7, 0.0);	(486853.0, 3652805.2, 141.7, 141.7, 0.0);
(486953.0, 3652805.2, 144.2, 144.2, 0.0);	(487053.0, 3652805.2, 130.5, 153.0, 0.0);
(487153.0, 3652805.2, 133.2, 151.0, 0.0);	(487253.0, 3652805.2, 120.5, 159.0, 0.0);
(487353.0, 3652805.2, 122.6, 162.0, 0.0);	(487453.0, 3652805.2, 146.6, 156.0, 0.0);
(487553.0, 3652805.2, 155.2, 155.2, 0.0);	(487653.0, 3652805.2, 149.1, 157.0, 0.0);
(487753.0, 3652805.2, 128.9, 170.0, 0.0);	(487853.0, 3652805.2, 145.6, 166.0, 0.0);
(487953.0, 3652805.2, 156.8, 166.0, 0.0);	(488053.0, 3652805.2, 165.4, 165.4, 0.0);
(488153.0, 3652805.2, 166.2, 166.2, 0.0);	(488253.0, 3652805.2, 161.6, 172.0, 0.0);
(488353.0, 3652805.2, 158.9, 171.0, 0.0);	(488453.0, 3652805.2, 168.4, 168.4, 0.0);
(488553.0, 3652805.2, 170.8, 170.8, 0.0);	(488653.0, 3652805.2, 172.7, 172.7, 0.0);
(488753.0, 3652805.2, 175.5, 175.5, 0.0);	(488853.0, 3652805.2, 178.2, 178.2, 0.0);
(488953.0, 3652805.2, 181.4, 181.4, 0.0);	(486853.0, 3652905.2, 141.5, 145.0, 0.0);
(486953.0, 3652905.2, 146.9, 146.9, 0.0);	(487053.0, 3652905.2, 143.8, 150.0, 0.0);
(487153.0, 3652905.2, 148.8, 148.8, 0.0);	(487253.0, 3652905.2, 130.4, 155.0, 0.0);
(487353.0, 3652905.2, 115.5, 166.0, 0.0);	(487453.0, 3652905.2, 127.9, 166.0, 0.0);
(487553.0, 3652905.2, 149.4, 159.0, 0.0);	(487653.0, 3652905.2, 156.9, 156.9, 0.0);
(487753.0, 3652905.2, 147.8, 162.0, 0.0);	(487853.0, 3652905.2, 133.0, 172.0, 0.0);
(487953.0, 3652905.2, 147.5, 166.0, 0.0);	(488053.0, 3652905.2, 158.1, 165.0, 0.0);
(488153.0, 3652905.2, 164.0, 170.0, 0.0);	(488253.0, 3652905.2, 171.9, 171.9, 0.0);
(488353.0, 3652905.2, 168.9, 172.0, 0.0);	(488453.0, 3652905.2, 168.4, 168.4, 0.0);

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

(488553.0, 3652905.2, 171.0, 171.0, 0.0);	(488653.0, 3652905.2, 173.1, 173.1, 0.0);
(488753.0, 3652905.2, 174.5, 174.5, 0.0);	(488853.0, 3652905.2, 176.0, 176.0, 0.0);
(488953.0, 3652905.2, 179.2, 179.2, 0.0);	(486853.0, 3653005.2, 147.3, 147.3, 0.0);
(486953.0, 3653005.2, 149.1, 149.1, 0.0);	(487053.0, 3653005.2, 152.1, 152.1, 0.0);
(487153.0, 3653005.2, 152.0, 152.0, 0.0);	(487253.0, 3653005.2, 134.7, 166.0, 0.0);
(487353.0, 3653005.2, 130.8, 166.0, 0.0);	(487453.0, 3653005.2, 127.9, 166.0, 0.0);
(487553.0, 3653005.2, 149.6, 162.0, 0.0);	(487653.0, 3653005.2, 160.2, 160.2, 0.0);
(487753.0, 3653005.2, 159.2, 159.2, 0.0);	(487853.0, 3653005.2, 154.4, 164.0, 0.0);
(487953.0, 3653005.2, 147.5, 172.0, 0.0);	(488053.0, 3653005.2, 145.0, 172.0, 0.0);
(488153.0, 3653005.2, 159.0, 161.0, 0.0);	(488253.0, 3653005.2, 164.1, 164.1, 0.0);
(488353.0, 3653005.2, 167.5, 167.5, 0.0);	(488453.0, 3653005.2, 169.6, 169.6, 0.0);
(488553.0, 3653005.2, 169.8, 169.8, 0.0);	(488653.0, 3653005.2, 173.1, 173.1, 0.0);
(488753.0, 3653005.2, 173.5, 173.5, 0.0);	(488853.0, 3653005.2, 173.1, 173.1, 0.0);
(488953.0, 3653005.2, 179.2, 179.2, 0.0);	(486853.0, 3653105.2, 149.0, 149.0, 0.0);
(486953.0, 3653105.2, 150.5, 150.5, 0.0);	(487053.0, 3653105.2, 153.8, 153.8, 0.0);
(487153.0, 3653105.2, 153.5, 153.5, 0.0);	(487253.0, 3653105.2, 153.7, 153.7, 0.0);
(488553.0, 3653105.2, 169.8, 169.8, 0.0);	(488653.0, 3653105.2, 173.1, 173.1, 0.0);
(488753.0, 3653105.2, 173.2, 173.2, 0.0);	(488853.0, 3653105.2, 170.8, 178.0, 0.0);
(488953.0, 3653105.2, 179.2, 179.2, 0.0);	(486853.0, 3653205.2, 143.3, 148.0, 0.0);
(486953.0, 3653205.2, 148.8, 148.8, 0.0);	(487053.0, 3653205.2, 154.8, 154.8, 0.0);
(487153.0, 3653205.2, 157.8, 157.8, 0.0);	(487253.0, 3653205.2, 157.0, 157.0, 0.0);
(488553.0, 3653205.2, 171.0, 171.0, 0.0);	(488653.0, 3653205.2, 172.0, 172.0, 0.0);
(488753.0, 3653205.2, 169.2, 171.0, 0.0);	(488853.0, 3653205.2, 168.8, 178.0, 0.0);
(488953.0, 3653205.2, 176.1, 176.1, 0.0);	(486853.0, 3653305.2, 148.9, 148.9, 0.0);
(486953.0, 3653305.2, 151.9, 151.9, 0.0);	(487053.0, 3653305.2, 158.1, 158.1, 0.0);
(487153.0, 3653305.2, 163.5, 163.5, 0.0);	(487253.0, 3653305.2, 165.7, 165.7, 0.0);
(488553.0, 3653305.2, 161.9, 170.0, 0.0);	(488653.0, 3653305.2, 163.8, 171.0, 0.0);
(488753.0, 3653305.2, 160.1, 171.0, 0.0);	(488853.0, 3653305.2, 159.0, 178.0, 0.0);
(488953.0, 3653305.2, 162.3, 184.0, 0.0);	(486853.0, 3653405.2, 151.5, 151.5, 0.0);
(486953.0, 3653405.2, 154.9, 154.9, 0.0);	(487053.0, 3653405.2, 160.9, 160.9, 0.0);
(487153.0, 3653405.2, 162.9, 162.9, 0.0);	(487253.0, 3653405.2, 164.7, 164.7, 0.0);
(488553.0, 3653405.2, 156.5, 156.5, 0.0);	(488653.0, 3653405.2, 155.7, 155.7, 0.0);
(488753.0, 3653405.2, 154.4, 154.4, 0.0);	(488853.0, 3653405.2, 154.3, 176.0, 0.0);
(488953.0, 3653405.2, 156.1, 360.0, 0.0);	(486853.0, 3653505.2, 147.4, 147.4, 0.0);
(486953.0, 3653505.2, 154.9, 154.9, 0.0);	(487053.0, 3653505.2, 159.0, 159.0, 0.0);
(487153.0, 3653505.2, 156.8, 156.8, 0.0);	(487253.0, 3653505.2, 154.5, 164.0, 0.0);
(488553.0, 3653505.2, 154.2, 317.0, 0.0);	(488653.0, 3653505.2, 152.9, 317.0, 0.0);
(488753.0, 3653505.2, 152.0, 317.0, 0.0);	(488853.0, 3653505.2, 153.8, 360.0, 0.0);
(488953.0, 3653505.2, 157.1, 360.0, 0.0);	(486853.0, 3653605.2, 152.3, 152.3, 0.0);
(486953.0, 3653605.2, 153.6, 153.6, 0.0);	(487053.0, 3653605.2, 153.8, 153.8, 0.0);
(487153.0, 3653605.2, 151.3, 151.3, 0.0);	(487253.0, 3653605.2, 145.6, 154.0, 0.0);
(488553.0, 3653605.2, 152.7, 337.0, 0.0);	(488653.0, 3653605.2, 151.0, 337.0, 0.0);
(488753.0, 3653605.2, 152.6, 336.0, 0.0);	(488853.0, 3653605.2, 157.7, 360.0, 0.0);
(488953.0, 3653605.2, 159.7, 360.0, 0.0);	(486853.0, 3653705.2, 157.1, 157.1, 0.0);
(486953.0, 3653705.2, 157.2, 157.2, 0.0);	(487053.0, 3653705.2, 150.6, 150.6, 0.0);

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

(487153.0, 3653705.2, 145.6, 145.6, 0.0);	(487253.0, 3653705.2, 140.2, 337.0, 0.0);
(488553.0, 3653705.2, 150.4, 337.0, 0.0);	(488653.0, 3653705.2, 150.1, 337.0, 0.0);

(488753.0, 3653705.2, 156.8, 337.0, 0.0);	(488853.0, 3653705.2, 156.5, 360.0, 0.0);
(488953.0, 3653705.2, 157.6, 360.0, 0.0);	(486853.0, 3653805.2, 160.0, 160.0, 0.0);
(486953.0, 3653805.2, 158.6, 158.6, 0.0);	(487053.0, 3653805.2, 150.7, 150.7, 0.0);
(487153.0, 3653805.2, 143.8, 337.0, 0.0);	(487253.0, 3653805.2, 138.6, 337.0, 0.0);
(488553.0, 3653805.2, 148.8, 337.0, 0.0);	(488653.0, 3653805.2, 151.1, 337.0, 0.0);
(488753.0, 3653805.2, 153.6, 360.0, 0.0);	(488853.0, 3653805.2, 154.0, 360.0, 0.0);
(488953.0, 3653805.2, 155.2, 360.0, 0.0);	(486853.0, 3653905.2, 154.9, 160.0, 0.0);
(486953.0, 3653905.2, 153.5, 160.0, 0.0);	(487053.0, 3653905.2, 146.4, 337.0, 0.0);
(487153.0, 3653905.2, 140.6, 337.0, 0.0);	(487253.0, 3653905.2, 135.1, 337.0, 0.0);
(488553.0, 3653905.2, 147.9, 337.0, 0.0);	(488653.0, 3653905.2, 149.7, 359.0, 0.0);
(488753.0, 3653905.2, 150.7, 360.0, 0.0);	(488853.0, 3653905.2, 151.0, 360.0, 0.0);
(488953.0, 3653905.2, 152.1, 360.0, 0.0);	(486853.0, 3654005.2, 135.7, 337.0, 0.0);
(486953.0, 3654005.2, 142.9, 337.0, 0.0);	(487053.0, 3654005.2, 142.9, 337.0, 0.0);
(487153.0, 3654005.2, 137.8, 337.0, 0.0);	(487253.0, 3654005.2, 132.9, 337.0, 0.0);
(488553.0, 3654005.2, 148.9, 337.0, 0.0);	(488653.0, 3654005.2, 149.7, 360.0, 0.0);
(488753.0, 3654005.2, 150.0, 360.0, 0.0);	(488853.0, 3654005.2, 150.8, 360.0, 0.0);
(488953.0, 3654005.2, 152.1, 360.0, 0.0);	(486853.0, 3654105.2, 135.0, 387.0, 0.0);
(486953.0, 3654105.2, 135.1, 442.0, 0.0);	(487053.0, 3654105.2, 135.1, 442.0, 0.0);
(487153.0, 3654105.2, 134.9, 442.0, 0.0);	(487253.0, 3654105.2, 128.5, 442.0, 0.0);
(488553.0, 3654105.2, 151.0, 337.0, 0.0);	(488653.0, 3654105.2, 152.0, 360.0, 0.0);
(488753.0, 3654105.2, 151.5, 360.0, 0.0);	(488853.0, 3654105.2, 151.0, 360.0, 0.0);
(488953.0, 3654105.2, 152.0, 360.0, 0.0);	(486853.0, 3654205.2, 137.0, 442.0, 0.0);
(486953.0, 3654205.2, 130.7, 442.0, 0.0);	(487053.0, 3654205.2, 128.8, 442.0, 0.0);
(487153.0, 3654205.2, 127.6, 442.0, 0.0);	(487253.0, 3654205.2, 131.9, 442.0, 0.0);
(487353.0, 3654205.2, 148.9, 337.0, 0.0);	(487453.0, 3654205.2, 143.1, 442.0, 0.0);
(487553.0, 3654205.2, 137.2, 442.0, 0.0);	(487653.0, 3654205.2, 143.4, 442.0, 0.0);
(487753.0, 3654205.2, 150.0, 337.0, 0.0);	(487853.0, 3654205.2, 150.0, 337.0, 0.0);
(487953.0, 3654205.2, 139.7, 442.0, 0.0);	(488053.0, 3654205.2, 143.2, 337.0, 0.0);
(488153.0, 3654205.2, 149.6, 337.0, 0.0);	(488253.0, 3654205.2, 151.3, 337.0, 0.0);
(488353.0, 3654205.2, 153.9, 337.0, 0.0);	(488453.0, 3654205.2, 151.7, 337.0, 0.0);
(488553.0, 3654205.2, 154.0, 337.0, 0.0);	(488653.0, 3654205.2, 156.6, 337.0, 0.0);
(488753.0, 3654205.2, 155.2, 360.0, 0.0);	(488853.0, 3654205.2, 154.3, 360.0, 0.0);
(488953.0, 3654205.2, 152.3, 360.0, 0.0);	(486853.0, 3654305.2, 135.1, 442.0, 0.0);
(486953.0, 3654305.2, 128.1, 442.0, 0.0);	(487053.0, 3654305.2, 125.4, 442.0, 0.0);
(487153.0, 3654305.2, 134.2, 442.0, 0.0);	(487253.0, 3654305.2, 144.8, 442.0, 0.0);
(487353.0, 3654305.2, 161.6, 337.0, 0.0);	(487453.0, 3654305.2, 154.8, 442.0, 0.0);
(487553.0, 3654305.2, 138.9, 442.0, 0.0);	(487653.0, 3654305.2, 134.2, 442.0, 0.0);
(487753.0, 3654305.2, 144.6, 442.0, 0.0);	(487853.0, 3654305.2, 145.7, 442.0, 0.0);
(487953.0, 3654305.2, 153.9, 442.0, 0.0);	(488053.0, 3654305.2, 150.7, 442.0, 0.0);
(488153.0, 3654305.2, 152.8, 337.0, 0.0);	(488253.0, 3654305.2, 156.3, 337.0, 0.0);
(488353.0, 3654305.2, 157.3, 337.0, 0.0);	(488453.0, 3654305.2, 156.1, 337.0, 0.0);
(488553.0, 3654305.2, 156.9, 337.0, 0.0);	(488653.0, 3654305.2, 160.6, 337.0, 0.0);
(488753.0, 3654305.2, 159.3, 360.0, 0.0);	(488853.0, 3654305.2, 157.9, 360.0, 0.0);

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

(488953.0, 3654305.2, 155.5, 360.0, 0.0);	(486853.0, 3654405.2, 129.9, 442.0, 0.0);
(486953.0, 3654405.2, 125.6, 442.0, 0.0);	(487053.0, 3654405.2, 122.8, 442.0, 0.0);
(487153.0, 3654405.2, 144.0, 442.0, 0.0);	(487253.0, 3654405.2, 154.9, 442.0, 0.0);
(487353.0, 3654405.2, 165.6, 442.0, 0.0);	(487453.0, 3654405.2, 151.5, 442.0, 0.0);
(487553.0, 3654405.2, 137.7, 442.0, 0.0);	(487653.0, 3654405.2, 134.1, 442.0, 0.0);
(487753.0, 3654405.2, 158.6, 442.0, 0.0);	(487853.0, 3654405.2, 169.7, 337.0, 0.0);
(487953.0, 3654405.2, 168.3, 337.0, 0.0);	(488053.0, 3654405.2, 157.7, 442.0, 0.0);
(488153.0, 3654405.2, 155.3, 442.0, 0.0);	(488253.0, 3654405.2, 161.0, 337.0, 0.0);
(488353.0, 3654405.2, 163.9, 337.0, 0.0);	(488453.0, 3654405.2, 162.5, 337.0, 0.0);
(488553.0, 3654405.2, 160.0, 337.0, 0.0);	(488653.0, 3654405.2, 164.2, 337.0, 0.0);
(488753.0, 3654405.2, 165.0, 360.0, 0.0);	(488853.0, 3654405.2, 162.2, 360.0, 0.0);
(488953.0, 3654405.2, 158.0, 360.0, 0.0);	(486853.0, 3654505.2, 126.9, 442.0, 0.0);
(486953.0, 3654505.2, 123.2, 442.0, 0.0);	(487053.0, 3654505.2, 122.3, 442.0, 0.0);
(487153.0, 3654505.2, 136.9, 442.0, 0.0);	(487253.0, 3654505.2, 148.7, 442.0, 0.0);
(487353.0, 3654505.2, 155.2, 442.0, 0.0);	(487453.0, 3654505.2, 146.4, 442.0, 0.0);
(487553.0, 3654505.2, 129.9, 442.0, 0.0);	(487653.0, 3654505.2, 140.8, 442.0, 0.0);
(487753.0, 3654505.2, 165.0, 442.0, 0.0);	(487853.0, 3654505.2, 189.6, 337.0, 0.0);
(487953.0, 3654505.2, 174.4, 337.0, 0.0);	(488053.0, 3654505.2, 162.5, 442.0, 0.0);
(488153.0, 3654505.2, 159.1, 442.0, 0.0);	(488253.0, 3654505.2, 165.6, 442.0, 0.0);
(488353.0, 3654505.2, 169.7, 337.0, 0.0);	(488453.0, 3654505.2, 169.7, 337.0, 0.0);
(488553.0, 3654505.2, 166.9, 337.0, 0.0);	(488653.0, 3654505.2, 168.1, 337.0, 0.0);
(488753.0, 3654505.2, 169.5, 354.0, 0.0);	(488853.0, 3654505.2, 168.1, 360.0, 0.0);
(488953.0, 3654505.2, 162.4, 360.0, 0.0);	(486853.0, 3654605.2, 125.2, 442.0, 0.0);
(486953.0, 3654605.2, 121.5, 442.0, 0.0);	(487053.0, 3654605.2, 122.9, 442.0, 0.0);
(487153.0, 3654605.2, 137.3, 442.0, 0.0);	(487253.0, 3654605.2, 144.8, 442.0, 0.0);
(487353.0, 3654605.2, 151.0, 442.0, 0.0);	(487453.0, 3654605.2, 123.1, 442.0, 0.0);
(487553.0, 3654605.2, 134.5, 442.0, 0.0);	(487653.0, 3654605.2, 163.7, 442.0, 0.0);
(487753.0, 3654605.2, 184.4, 442.0, 0.0);	(487853.0, 3654605.2, 202.2, 337.0, 0.0);
(487953.0, 3654605.2, 187.9, 337.0, 0.0);	(488053.0, 3654605.2, 180.8, 442.0, 0.0);
(488153.0, 3654605.2, 172.6, 442.0, 0.0);	(488253.0, 3654605.2, 176.2, 337.0, 0.0);
(488353.0, 3654605.2, 181.0, 337.0, 0.0);	(488453.0, 3654605.2, 182.8, 337.0, 0.0);
(488553.0, 3654605.2, 189.1, 337.0, 0.0);	(488653.0, 3654605.2, 189.4, 337.0, 0.0);
(488753.0, 3654605.2, 176.6, 337.0, 0.0);	(488853.0, 3654605.2, 182.8, 354.0, 0.0);
(488953.0, 3654605.2, 175.9, 360.0, 0.0);	(486853.0, 3651605.2, 76.8, 195.0, 0.0);
(486953.0, 3651605.2, 104.2, 156.0, 0.0);	(486253.0, 3651605.2, 134.4, 141.0, 0.0);
(486453.0, 3651605.2, 116.8, 477.2, 0.0);	(486653.0, 3651605.2, 88.8, 477.2, 0.0);
(486853.0, 3651605.2, 90.8, 477.2, 0.0);	(487053.0, 3651605.2, 86.7, 477.2, 0.0);
(487253.0, 3651605.2, 85.7, 477.2, 0.0);	(487453.0, 3651605.2, 88.7, 477.2, 0.0);
(487653.0, 3651605.2, 92.1, 477.2, 0.0);	(487853.0, 3651605.2, 92.4, 477.2, 0.0);
(488053.0, 3651605.2, 95.8, 477.2, 0.0);	(488253.0, 3651605.2, 97.4, 477.2, 0.0);
(488453.0, 3651605.2, 109.3, 477.2, 0.0);	(488653.0, 3651605.2, 124.5, 477.2, 0.0);
(488853.0, 3651605.2, 122.1, 477.2, 0.0);	(489053.0, 3651605.2, 127.9, 477.2, 0.0);
(489253.0, 3651605.2, 136.0, 477.2, 0.0);	(489453.0, 3651605.2, 136.0, 477.2, 0.0);
(489653.0, 3651605.2, 140.0, 477.2, 0.0);	(489853.0, 3651605.2, 143.8, 477.2, 0.0);
(490053.0, 3651605.2, 149.3, 477.2, 0.0);	(485853.0, 3651805.2, 69.5, 195.0, 0.0);

*** AERMOD - VERSION 23132 ***	*** Cambridge School HRA	***	06/11/24
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(486053.0, 3651805.2, 79.8, 195.0, 0.0);	(486253.0, 3651805.2, 74.8, 477.2, 0.0);
(486453.0, 3651805.2, 76.7, 477.2, 0.0);	(486653.0, 3651805.2, 80.3, 477.2, 0.0);
(486853.0, 3651805.2, 82.3, 477.2, 0.0);	(487053.0, 3651805.2, 86.1, 477.2, 0.0);
(487253.0, 3651805.2, 87.4, 477.2, 0.0);	(487453.0, 3651805.2, 90.4, 477.2, 0.0);
(487653.0, 3651805.2, 94.5, 477.2, 0.0);	(487853.0, 3651805.2, 98.0, 477.2, 0.0);
(488053.0, 3651805.2, 99.6, 477.2, 0.0);	(488253.0, 3651805.2, 108.9, 477.2, 0.0);
(488453.0, 3651805.2, 122.1, 477.2, 0.0);	(488653.0, 3651805.2, 152.1, 477.2, 0.0);
(488853.0, 3651805.2, 140.0, 477.2, 0.0);	(489053.0, 3651805.2, 134.7, 477.2, 0.0);
(489253.0, 3651805.2, 142.1, 477.2, 0.0);	(489453.0, 3651805.2, 139.1, 477.2, 0.0);
(489653.0, 3651805.2, 144.2, 477.2, 0.0);	(489853.0, 3651805.2, 149.0, 477.2, 0.0);
(490053.0, 3651805.2, 153.1, 477.2, 0.0);	(485853.0, 3652005.2, 90.7, 166.0, 0.0);
(486053.0, 3652005.2, 85.3, 166.0, 0.0);	(486253.0, 3652005.2, 105.9, 165.0, 0.0);
(486453.0, 3652005.2, 94.6, 165.0, 0.0);	(486653.0, 3652005.2, 85.0, 477.2, 0.0);
(486853.0, 3652005.2, 89.1, 477.2, 0.0);	(487053.0, 3652005.2, 91.8, 477.2, 0.0);
(487253.0, 3652005.2, 92.5, 477.2, 0.0);	(487453.0, 3652005.2, 104.4, 477.2, 0.0);
(487653.0, 3652005.2, 124.6, 477.2, 0.0);	(487853.0, 3652005.2, 117.6, 477.2, 0.0);
(488053.0, 3652005.2, 118.8, 477.2, 0.0);	(488253.0, 3652005.2, 141.1, 477.2, 0.0);
(488453.0, 3652005.2, 133.9, 477.2, 0.0);	(488653.0, 3652005.2, 162.1, 477.2, 0.0);
(488853.0, 3652005.2, 157.1, 477.2, 0.0);	(489053.0, 3652005.2, 150.7, 477.2, 0.0);
(489253.0, 3652005.2, 163.1, 477.2, 0.0);	(489453.0, 3652005.2, 146.2, 477.2, 0.0);
(489653.0, 3652005.2, 146.4, 477.2, 0.0);	(489853.0, 3652005.2, 166.8, 477.2, 0.0);
(490053.0, 3652005.2, 159.5, 477.2, 0.0);	(485853.0, 3652205.2, 136.1, 166.0, 0.0);
(486053.0, 3652205.2, 112.7, 166.0, 0.0);	(486253.0, 3652205.2, 119.6, 165.0, 0.0);
(486453.0, 3652205.2, 100.5, 165.0, 0.0);	(486653.0, 3652205.2, 110.4, 135.0, 0.0);
(486853.0, 3652205.2, 92.1, 477.2, 0.0);	(487053.0, 3652205.2, 100.8, 477.2, 0.0);
(487253.0, 3652205.2, 114.8, 477.2, 0.0);	(487453.0, 3652205.2, 102.7, 477.2, 0.0);
(487653.0, 3652205.2, 140.5, 477.2, 0.0);	(487853.0, 3652205.2, 147.0, 477.2, 0.0);
(488053.0, 3652205.2, 133.0, 477.2, 0.0);	(488253.0, 3652205.2, 139.1, 477.2, 0.0);
(488453.0, 3652205.2, 152.2, 477.2, 0.0);	(488653.0, 3652205.2, 153.5, 477.2, 0.0);
(488853.0, 3652205.2, 162.5, 477.2, 0.0);	(489053.0, 3652205.2, 165.9, 477.2, 0.0);
(489253.0, 3652205.2, 171.9, 477.2, 0.0);	(489453.0, 3652205.2, 161.9, 477.2, 0.0);
(489653.0, 3652205.2, 154.5, 477.2, 0.0);	(489853.0, 3652205.2, 179.6, 285.0, 0.0);
(490053.0, 3652205.2, 172.0, 285.0, 0.0);	(485853.0, 3652405.2, 148.1, 166.0, 0.0);
(486053.0, 3652405.2, 118.3, 166.0, 0.0);	(486253.0, 3652405.2, 105.2, 166.0, 0.0);
(486453.0, 3652405.2, 132.7, 132.7, 0.0);	(486653.0, 3652405.2, 128.3, 131.0, 0.0);
(486853.0, 3652405.2, 123.1, 139.0, 0.0);	(487053.0, 3652405.2, 105.0, 147.0, 0.0);
(487253.0, 3652405.2, 138.8, 143.0, 0.0);	(487453.0, 3652405.2, 122.3, 147.0, 0.0);
(487653.0, 3652405.2, 119.1, 477.2, 0.0);	(487853.0, 3652405.2, 147.5, 147.5, 0.0);
(488053.0, 3652405.2, 151.9, 151.9, 0.0);	(488253.0, 3652405.2, 155.7, 160.0, 0.0);
(488453.0, 3652405.2, 161.3, 163.0, 0.0);	(488653.0, 3652405.2, 165.5, 165.5, 0.0);
(488853.0, 3652405.2, 166.0, 182.0, 0.0);	(489053.0, 3652405.2, 176.4, 176.4, 0.0);
(489253.0, 3652405.2, 176.7, 183.0, 0.0);	(489453.0, 3652405.2, 184.0, 184.0, 0.0);
(489653.0, 3652405.2, 168.5, 285.0, 0.0);	(489853.0, 3652405.2, 209.1, 209.1, 0.0);
(490053.0, 3652405.2, 191.0, 285.0, 0.0);	(485853.0, 3652605.2, 127.9, 166.0, 0.0);
(486053.0, 3652605.2, 116.9, 166.0, 0.0);	(486253.0, 3652605.2, 119.8, 126.0, 0.0);

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

(486453.0, 3652605.2, 115.7, 136.0, 0.0);	(486653.0, 3652605.2, 134.4, 134.4, 0.0);
(489053.0, 3652605.2, 182.1, 182.1, 0.0);	(489253.0, 3652605.2, 183.0, 183.0, 0.0);
(489453.0, 3652605.2, 183.0, 232.0, 0.0);	(489653.0, 3652605.2, 182.0, 253.0, 0.0);
(489853.0, 3652605.2, 198.6, 253.0, 0.0);	(490053.0, 3652605.2, 224.6, 253.0, 0.0);
(485853.0, 3652805.2, 129.9, 135.0, 0.0);	(486053.0, 3652805.2, 135.8, 135.8, 0.0);
(486253.0, 3652805.2, 121.2, 135.0, 0.0);	(486453.0, 3652805.2, 121.1, 145.0, 0.0);
(486653.0, 3652805.2, 133.0, 145.0, 0.0);	(489053.0, 3652805.2, 183.2, 183.2, 0.0);
(489253.0, 3652805.2, 180.9, 180.9, 0.0);	(489453.0, 3652805.2, 182.0, 232.0, 0.0);
(489653.0, 3652805.2, 189.9, 232.0, 0.0);	(489853.0, 3652805.2, 223.4, 232.0, 0.0);
(490053.0, 3652805.2, 215.7, 253.0, 0.0);	(485853.0, 3653005.2, 138.3, 138.3, 0.0);
(486053.0, 3653005.2, 140.9, 140.9, 0.0);	(486253.0, 3653005.2, 125.5, 141.0, 0.0);
(486453.0, 3653005.2, 135.0, 141.0, 0.0);	(486653.0, 3653005.2, 137.8, 141.0, 0.0);
(489053.0, 3653005.2, 183.0, 183.0, 0.0);	(489253.0, 3653005.2, 177.9, 177.9, 0.0);
(489453.0, 3653005.2, 185.4, 232.0, 0.0);	(489653.0, 3653005.2, 193.9, 232.0, 0.0);
(489853.0, 3653005.2, 196.5, 359.0, 0.0);	(490053.0, 3653005.2, 191.5, 360.0, 0.0);
(485853.0, 3653205.2, 145.2, 150.0, 0.0);	(486053.0, 3653205.2, 146.5, 166.0, 0.0);
(486253.0, 3653205.2, 140.0, 166.0, 0.0);	(486453.0, 3653205.2, 143.2, 143.2, 0.0);
(486653.0, 3653205.2, 130.7, 147.0, 0.0);	(489053.0, 3653205.2, 176.5, 176.5, 0.0);
(489253.0, 3653205.2, 175.0, 183.0, 0.0);	(489453.0, 3653205.2, 170.2, 360.0, 0.0);
(489653.0, 3653205.2, 185.3, 360.0, 0.0);	(489853.0, 3653205.2, 194.0, 360.0, 0.0);
(490053.0, 3653205.2, 174.7, 360.0, 0.0);	(485853.0, 3653405.2, 142.7, 167.0, 0.0);
(486053.0, 3653405.2, 166.0, 166.0, 0.0);	(486253.0, 3653405.2, 157.8, 166.0, 0.0);
(486453.0, 3653405.2, 148.3, 148.3, 0.0);	(486653.0, 3653405.2, 143.4, 143.4, 0.0);
(489053.0, 3653405.2, 158.0, 360.0, 0.0);	(489253.0, 3653405.2, 165.5, 360.0, 0.0);
(489453.0, 3653405.2, 169.1, 360.0, 0.0);	(489653.0, 3653405.2, 166.1, 360.0, 0.0);
(489853.0, 3653405.2, 169.2, 360.0, 0.0);	(490053.0, 3653405.2, 170.0, 360.0, 0.0);
(485853.0, 3653605.2, 152.0, 167.0, 0.0);	(486053.0, 3653605.2, 162.2, 165.0, 0.0);
(486253.0, 3653605.2, 138.3, 167.0, 0.0);	(486453.0, 3653605.2, 159.3, 159.3, 0.0);
(486653.0, 3653605.2, 153.0, 153.0, 0.0);	(489053.0, 3653605.2, 164.1, 360.0, 0.0);
(489253.0, 3653605.2, 175.0, 360.0, 0.0);	(489453.0, 3653605.2, 171.0, 360.0, 0.0);
(489653.0, 3653605.2, 172.2, 360.0, 0.0);	(489853.0, 3653605.2, 193.7, 360.0, 0.0);
(490053.0, 3653605.2, 177.0, 360.0, 0.0);	(485853.0, 3653805.2, 157.9, 164.0, 0.0);
(486053.0, 3653805.2, 127.2, 167.0, 0.0);	(486253.0, 3653805.2, 120.6, 167.0, 0.0);
(486453.0, 3653805.2, 146.1, 160.0, 0.0);	(486653.0, 3653805.2, 141.2, 160.0, 0.0);
(489053.0, 3653805.2, 159.0, 360.0, 0.0);	(489253.0, 3653805.2, 165.8, 360.0, 0.0);
(489453.0, 3653805.2, 169.6, 360.0, 0.0);	(489653.0, 3653805.2, 179.7, 360.0, 0.0);
(489853.0, 3653805.2, 189.5, 360.0, 0.0);	(490053.0, 3653805.2, 180.2, 360.0, 0.0);
(485853.0, 3654005.2, 151.2, 163.0, 0.0);	(486053.0, 3654005.2, 124.8, 167.0, 0.0);
(486253.0, 3654005.2, 93.6, 442.0, 0.0);	(486453.0, 3654005.2, 122.2, 387.0, 0.0);
(486653.0, 3654005.2, 127.9, 337.0, 0.0);	(489053.0, 3654005.2, 154.2, 360.0, 0.0);
(489253.0, 3654005.2, 158.4, 360.0, 0.0);	(489453.0, 3654005.2, 161.2, 360.0, 0.0);
(489653.0, 3654005.2, 163.7, 360.0, 0.0);	(489853.0, 3654005.2, 167.8, 360.0, 0.0);
(490053.0, 3654005.2, 174.6, 360.0, 0.0);	(485853.0, 3654205.2, 97.0, 442.0, 0.0);
(486053.0, 3654205.2, 117.4, 442.0, 0.0);	(486253.0, 3654205.2, 82.1, 442.0, 0.0);
(486453.0, 3654205.2, 97.0, 442.0, 0.0);	(486653.0, 3654205.2, 126.3, 442.0, 0.0);

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*** AERMET - VERSION 19191 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(489053.0, 3654205.2, 152.0, 360.0, 0.0);	(489253.0, 3654205.2, 155.1, 360.0, 0.0);
(489453.0, 3654205.2, 158.6, 360.0, 0.0);	(489653.0, 3654205.2, 163.0, 360.0, 0.0);
(489853.0, 3654205.2, 169.1, 360.0, 0.0);	(490053.0, 3654205.2, 175.9, 360.0, 0.0);
(485853.0, 3654405.2, 75.9, 442.0, 0.0);	(486053.0, 3654405.2, 100.7, 442.0, 0.0);
(486253.0, 3654405.2, 79.5, 442.0, 0.0);	(486453.0, 3654405.2, 113.7, 442.0, 0.0);
(486653.0, 3654405.2, 138.7, 442.0, 0.0);	(489053.0, 3654405.2, 156.0, 360.0, 0.0);
(489253.0, 3654405.2, 155.0, 360.0, 0.0);	(489453.0, 3654405.2, 158.0, 360.0, 0.0);
(489653.0, 3654405.2, 163.5, 360.0, 0.0);	(489853.0, 3654405.2, 170.2, 360.0, 0.0);
(490053.0, 3654405.2, 181.6, 360.0, 0.0);	(485853.0, 3654605.2, 66.8, 442.0, 0.0);
(486053.0, 3654605.2, 94.9, 442.0, 0.0);	(486253.0, 3654605.2, 80.0, 442.0, 0.0);
(486453.0, 3654605.2, 122.9, 442.0, 0.0);	(486653.0, 3654605.2, 126.3, 442.0, 0.0);
(489053.0, 3654605.2, 164.5, 360.0, 0.0);	(489253.0, 3654605.2, 162.3, 360.0, 0.0);
(489453.0, 3654605.2, 158.1, 360.0, 0.0);	(489653.0, 3654605.2, 163.8, 360.0, 0.0);
(489853.0, 3654605.2, 173.0, 360.0, 0.0);	(490053.0, 3654605.2, 199.6, 360.0, 0.0);
(485853.0, 3654805.2, 71.3, 442.0, 0.0);	(486053.0, 3654805.2, 79.6, 442.0, 0.0);
(486253.0, 3654805.2, 77.6, 442.0, 0.0);	(486453.0, 3654805.2, 94.8, 442.0, 0.0);
(486653.0, 3654805.2, 118.6, 442.0, 0.0);	(486853.0, 3654805.2, 125.0, 442.0, 0.0);
(487053.0, 3654805.2, 115.1, 442.0, 0.0);	(487253.0, 3654805.2, 113.1, 442.0, 0.0);
(487453.0, 3654805.2, 139.1, 442.0, 0.0);	(487653.0, 3654805.2, 179.7, 442.0, 0.0);
(487853.0, 3654805.2, 234.0, 337.0, 0.0);	(488053.0, 3654805.2, 232.8, 337.0, 0.0);
(488253.0, 3654805.2, 207.9, 337.0, 0.0);	(488453.0, 3654805.2, 231.1, 337.0, 0.0);
(488653.0, 3654805.2, 220.5, 337.0, 0.0);	(488853.0, 3654805.2, 205.4, 337.0, 0.0);
(489053.0, 3654805.2, 202.4, 354.0, 0.0);	(489253.0, 3654805.2, 214.3, 354.0, 0.0);
(489453.0, 3654805.2, 168.3, 360.0, 0.0);	(489653.0, 3654805.2, 167.1, 360.0, 0.0);
(489853.0, 3654805.2, 183.1, 360.0, 0.0);	(490053.0, 3654805.2, 226.7, 360.0, 0.0);
(485853.0, 3655005.2, 57.6, 442.0, 0.0);	(486053.0, 3655005.2, 67.7, 442.0, 0.0);
(486253.0, 3655005.2, 73.0, 442.0, 0.0);	(486453.0, 3655005.2, 94.2, 442.0, 0.0);
(486653.0, 3655005.2, 169.6, 442.0, 0.0);	(486853.0, 3655005.2, 152.6, 442.0, 0.0);
(487053.0, 3655005.2, 115.3, 442.0, 0.0);	(487253.0, 3655005.2, 127.6, 442.0, 0.0);
(487453.0, 3655005.2, 156.6, 442.0, 0.0);	(487653.0, 3655005.2, 183.4, 442.0, 0.0);
(487853.0, 3655005.2, 243.1, 337.0, 0.0);	(488053.0, 3655005.2, 269.9, 337.0, 0.0);
(488253.0, 3655005.2, 234.9, 337.0, 0.0);	(488453.0, 3655005.2, 276.2, 337.0, 0.0);
(488653.0, 3655005.2, 265.7, 337.0, 0.0);	(488853.0, 3655005.2, 248.6, 337.0, 0.0);
(489053.0, 3655005.2, 256.9, 317.0, 0.0);	(489253.0, 3655005.2, 220.8, 354.0, 0.0);
(489453.0, 3655005.2, 169.9, 360.0, 0.0);	(489653.0, 3655005.2, 170.0, 360.0, 0.0);
(489853.0, 3655005.2, 193.1, 360.0, 0.0);	(490053.0, 3655005.2, 217.4, 360.0, 0.0);
(485853.0, 3655205.2, 85.3, 442.0, 0.0);	(486053.0, 3655205.2, 98.6, 442.0, 0.0);
(486253.0, 3655205.2, 99.1, 442.0, 0.0);	(486453.0, 3655205.2, 95.8, 442.0, 0.0);
(486653.0, 3655205.2, 166.3, 442.0, 0.0);	(486853.0, 3655205.2, 141.3, 442.0, 0.0);
(487053.0, 3655205.2, 87.4, 442.0, 0.0);	(487253.0, 3655205.2, 136.9, 442.0, 0.0);
(487453.0, 3655205.2, 146.3, 442.0, 0.0);	(487653.0, 3655205.2, 182.6, 442.0, 0.0);
(487853.0, 3655205.2, 214.0, 442.0, 0.0);	(488053.0, 3655205.2, 280.0, 337.0, 0.0);
(488253.0, 3655205.2, 281.8, 337.0, 0.0);	(488453.0, 3655205.2, 291.5, 337.0, 0.0);
(488653.0, 3655205.2, 272.9, 337.0, 0.0);	(488853.0, 3655205.2, 250.7, 337.0, 0.0);
(489053.0, 3655205.2, 212.3, 337.0, 0.0);	(489253.0, 3655205.2, 189.7, 360.0, 0.0);

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

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

(489453.0, 3655205.2, 172.2, 360.0, 0.0);	(489653.0, 3655205.2, 173.3, 360.0, 0.0);
(489853.0, 3655205.2, 195.4, 360.0, 0.0);	(490053.0, 3655205.2, 251.4, 360.0, 0.0);
(485853.0, 3655405.2, 84.8, 442.0, 0.0);	(486053.0, 3655405.2, 103.5, 442.0, 0.0);
(486253.0, 3655405.2, 132.7, 442.0, 0.0);	(486453.0, 3655405.2, 164.7, 442.0, 0.0);
(486653.0, 3655405.2, 143.3, 442.0, 0.0);	(486853.0, 3655405.2, 141.2, 442.0, 0.0);
(487053.0, 3655405.2, 73.8, 442.0, 0.0);	(487253.0, 3655405.2, 121.4, 442.0, 0.0);
(487453.0, 3655405.2, 153.4, 442.0, 0.0);	(487653.0, 3655405.2, 222.7, 442.0, 0.0);
(487853.0, 3655405.2, 274.1, 337.0, 0.0);	(488053.0, 3655405.2, 323.5, 337.0, 0.0);
(488253.0, 3655405.2, 318.9, 337.0, 0.0);	(488453.0, 3655405.2, 300.8, 337.0, 0.0);
(488653.0, 3655405.2, 254.8, 337.0, 0.0);	(488853.0, 3655405.2, 230.8, 337.0, 0.0);
(489053.0, 3655405.2, 207.9, 337.0, 0.0);	(489253.0, 3655405.2, 187.0, 442.0, 0.0);
(489453.0, 3655405.2, 174.2, 442.0, 0.0);	(489653.0, 3655405.2, 175.5, 360.0, 0.0);
(489853.0, 3655405.2, 192.2, 360.0, 0.0);	(490053.0, 3655405.2, 223.0, 360.0, 0.0);
(485853.0, 3655605.2, 80.3, 442.0, 0.0);	(486053.0, 3655605.2, 99.4, 442.0, 0.0);
(486253.0, 3655605.2, 127.6, 442.0, 0.0);	(486453.0, 3655605.2, 144.0, 442.0, 0.0);
(486653.0, 3655605.2, 123.0, 442.0, 0.0);	(486853.0, 3655605.2, 109.0, 442.0, 0.0);
(487053.0, 3655605.2, 60.1, 442.0, 0.0);	(487253.0, 3655605.2, 97.5, 442.0, 0.0);
(487453.0, 3655605.2, 136.1, 442.0, 0.0);	(487653.0, 3655605.2, 210.0, 442.0, 0.0);
(487853.0, 3655605.2, 277.2, 442.0, 0.0);	(488053.0, 3655605.2, 305.8, 337.0, 0.0);
(488253.0, 3655605.2, 273.2, 337.0, 0.0);	(488453.0, 3655605.2, 253.3, 442.0, 0.0);
(488653.0, 3655605.2, 236.1, 442.0, 0.0);	(488853.0, 3655605.2, 206.2, 442.0, 0.0);
(489053.0, 3655605.2, 201.7, 442.0, 0.0);	(489253.0, 3655605.2, 184.6, 442.0, 0.0);
(489453.0, 3655605.2, 176.0, 442.0, 0.0);	(489653.0, 3655605.2, 181.4, 360.0, 0.0);
(489853.0, 3655605.2, 183.4, 360.0, 0.0);	(490053.0, 3655605.2, 201.7, 360.0, 0.0);
(487801.0, 3653682.2, 155.6, 337.0, 0.0);	(487803.6, 3653554.5, 154.9, 154.9, 0.0);
(487834.6, 3653506.4, 157.1, 157.1, 0.0);	(487875.5, 3653531.7, 155.1, 155.1, 0.0);
(487897.2, 3653541.5, 153.7, 153.7, 0.0);	(487927.2, 3653553.4, 152.9, 337.0, 0.0);
(487967.0, 3653561.7, 152.5, 337.0, 0.0);	(487993.4, 3653564.3, 153.2, 337.0, 0.0);
(487995.0, 3653682.7, 150.1, 337.0, 0.0);	(487801.5, 3653660.9, 155.5, 337.0, 0.0);
(487801.9, 3653639.6, 155.5, 337.0, 0.0);	(487802.3, 3653618.3, 155.5, 337.0, 0.0);
(487802.8, 3653597.0, 155.4, 337.0, 0.0);	(487803.2, 3653575.8, 154.9, 336.0, 0.0);
(487814.0, 3653538.4, 154.9, 154.9, 0.0);	(487824.3, 3653522.4, 156.1, 156.1, 0.0);
(487855.1, 3653519.0, 156.1, 156.1, 0.0);	(487912.2, 3653547.5, 153.2, 337.0, 0.0);
(487947.1, 3653557.6, 152.6, 337.0, 0.0);	(487980.2, 3653563.0, 152.8, 337.0, 0.0);
(487993.7, 3653588.0, 152.3, 337.0, 0.0);	(487994.0, 3653611.6, 151.5, 337.0, 0.0);
(487994.3, 3653635.3, 151.0, 337.0, 0.0);	(487994.6, 3653659.0, 150.7, 337.0, 0.0);
(487970.7, 3653682.6, 150.1, 337.0, 0.0);	(487946.5, 3653682.6, 150.5, 337.0, 0.0);
(487922.2, 3653682.5, 151.2, 337.0, 0.0);	(487898.0, 3653682.4, 151.9, 337.0, 0.0);
(487873.8, 3653682.4, 152.0, 337.0, 0.0);	(487849.5, 3653682.3, 152.7, 337.0, 0.0);

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487228.91	3653869.22	4026.63655	(10010709)	489254.83	3653529.17	2270.99757	(11212309)
488681.26	3653011.27	1541.21674	(12020609)	488212.89	3652840.67	2616.17145	(10113309)
486936.67	3653359.39	3512.37073	(11011109)	487603.00	3653355.20	5656.50250	(12010209)
487628.00	3653355.20	6626.42824	(12010209)	487653.00	3653355.20	7339.68482	(12010209)
487678.00	3653355.20	7939.62430	(11012109)	487703.00	3653355.20	9089.15392	(11121209)
487728.00	3653355.20	9546.26771	(11121209)	487753.00	3653355.20	9133.98229	(11121209)
487778.00	3653355.20	7949.42277	(11121209)	487803.00	3653355.20	6350.24740	(11121209)
487828.00	3653355.20	7017.96716	(11121209)	487853.00	3653355.20	4088.89132	(11010509)
487878.00	3653355.20	4293.32668	(11012509)	487903.00	3653355.20	4411.31074	(11012509)

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487928.00 3653355.20 4502.49927 (11011309) 487953.00 3653355.20 4852.37130 (11011309)
487978.00 3653355.20 4922.36908 (11011309) 488003.00 3653355.20 4738.39891 (11011309)
488028.00 3653355.20 4328.37078 (11011309) 488053.00 3653355.20 3739.00447 (11011309)
488078.00 3653355.20 3136.09157 (11011709) 488103.00 3653355.20 2854.51982 (11011509)
488128.00 3653355.20 2581.12474 (11011509) 488153.00 3653355.20 2258.20179 (11011509)
488178.00 3653355.20 2447.14490 (12020609) 488203.00 3653355.20 2636.90053 (12020609)
488228.00 3653355.20 2770.29950 (12020609) 487603.00 3653380.20 4910.72602 (12010209)
487628.00 3653380.20 6027.33645 (12010209) 487653.00 3653380.20 7053.38281 (12010209)
487678.00 3653380.20 7776.97124 (12010209) 487703.00 3653380.20 8736.19048 (11121209)
487728.00 3653380.20 9764.04484 (11121209) 487753.00 3653380.20 9903.61677 (11121209)
487778.00 3653380.20 9060.68019 (11121209) 487803.00 3653380.20 7528.84233 (11121209)
487828.00 3653380.20 5779.93749 (11121209) 487853.00 3653380.20 4406.11189 (11010509)
487878.00 3653380.20 4489.90266 (11012509) 487903.00 3653380.20 4574.37806 (11012509)
487928.00 3653380.20 4827.33380 (11011309) 487953.00 3653380.20 5060.93041 (11011309)
487978.00 3653380.20 5028.77459 (11011309) 488003.00 3653380.20 4753.21657 (11011309)
488028.00 3653380.20 4255.38166 (11011309) 488053.00 3653380.20 3588.14210 (11011309)
488078.00 3653380.20 3069.74033 (11011509) 488103.00 3653380.20 2780.50774 (11011509)
488128.00 3653380.20 2444.62354 (11011509) 488153.00 3653380.20 2657.93530 (12020609)
488178.00 3653380.20 2852.60064 (12020609) 488203.00 3653380.20 2980.55326 (12020609)
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487628.00 3653405.20 5174.65917 (12010209) 487653.00 3653405.20 6404.15219 (12010209)
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487778.00 3653405.20 10142.34048 (11121209) 487803.00 3653405.20 8832.05750 (11121209)
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487878.00 3653405.20 4718.07648 (11012509) 487903.00 3653405.20 4733.52336 (11011309)
487928.00 3653405.20 5122.66015 (11011309) 487953.00 3653405.20 5238.84999 (11011309)
487978.00 3653405.20 5118.83553 (11011309) 488003.00 3653405.20 4758.62252 (11011309)
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488078.00 3653405.20 3012.89193 (11011509) 488103.00 3653405.20 2657.98816 (11011509)
488128.00 3653405.20 2889.09658 (12020609) 488153.00 3653405.20 3082.49329 (12020609)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
488178.00 3653405.20 3203.18333 (12020609) 488203.00 3653405.20 3242.97424 (12020609)
488228.00 3653405.20 3207.42643 (12020609) 487603.00 3653430.20 5316.57851 (11122809)
487628.00 3653430.20 5235.23553 (11122809) 487653.00 3653430.20 5457.55584 (12010209)
487678.00 3653430.20 6815.09009 (12010209) 487703.00 3653430.20 8012.94290 (12010209)
487728.00 3653430.20 9012.63334 (11121209) 487753.00 3653430.20 10558.38323 (11121209)
487778.00 3653430.20 11110.22376 (11121209) 487803.00 3653430.20 10307.62468 (11121209)
487828.00 3653430.20 8498.69584 (11121209) 487853.00 3653430.20 6556.05792 (11121209)
487878.00 3653430.20 4978.87108 (11012509) 487903.00 3653430.20 5156.55626 (11011309)
487928.00 3653430.20 5391.39376 (11011309) 487953.00 3653430.20 5405.42797 (11011309)
487978.00 3653430.20 5200.12495 (11011309) 488003.00 3653430.20 4752.96667 (11011309)
488028.00 3653430.20 4062.47129 (11011309) 488053.00 3653430.20 3269.77116 (11011709)
488078.00 3653430.20 2901.47416 (11011509) 488103.00 3653430.20 3148.55539 (12020609)
488128.00 3653430.20 3333.02514 (12020609) 488153.00 3653430.20 3432.38896 (12020609)
488178.00 3653430.20 3442.13607 (12020609) 488203.00 3653430.20 3390.58379 (10010809)
488228.00 3653430.20 3454.93749 (10010809) 487603.00 3653455.20 6520.31719 (11122709)
487628.00 3653455.20 6235.75597 (11122709) 487653.00 3653455.20 5821.99717 (11122809)
487678.00 3653455.20 5779.25660 (12010209) 487703.00 3653455.20 7280.05478 (12010209)
487728.00 3653455.20 8589.76941 (12010209) 487753.00 3653455.20 10239.62199 (11121209)
487778.00 3653455.20 11827.08822 (11121209) 487803.00 3653455.20 12067.39327 (11121209)
487828.00 3653455.20 10435.83520 (11121209) 487853.00 3653455.20 8217.76171 (11121209)
487878.00 3653455.20 6218.22587 (11121209) 487903.00 3653455.20 5610.33901 (11011309)
487928.00 3653455.20 5680.03301 (11011309) 487953.00 3653455.20 5591.09080 (11011309)
487978.00 3653455.20 5283.11845 (11011309) 488003.00 3653455.20 4739.34153 (11011309)
488028.00 3653455.20 3934.45695 (11011309) 488053.00 3653455.20 3204.85572 (11011509)
488078.00 3653455.20 3444.85008 (12020609) 488103.00 3653455.20 3607.61488 (12020609)
488128.00 3653455.20 3677.88117 (12020609) 488153.00 3653455.20 3643.55198 (12020609)
488178.00 3653455.20 3684.75149 (10010809) 488203.00 3653455.20 3730.58369 (10010809)
488228.00 3653455.20 3710.13701 (10010809) 487603.00 3653480.20 7266.62444 (11122709)
487628.00 3653480.20 7318.42860 (11122709) 487653.00 3653480.20 7205.24075 (11122709)
487678.00 3653480.20 6905.26968 (11122709) 487703.00 3653480.20 6409.73444 (11122709)
487728.00 3653480.20 7846.87968 (12010209) 487753.00 3653480.20 9485.83325 (11121209)
487778.00 3653480.20 12139.88879 (11121209) 487803.00 3653480.20 14157.21899 (11121209)
487828.00 3653480.20 13815.07512 (11121209) 487853.00 3653480.20 10515.87424 (11121209)
487878.00 3653480.20 8381.75941 (11121209) 487903.00 3653480.20 6173.77342 (11011309)
487928.00 3653480.20 6088.82676 (11011309) 487953.00 3653480.20 5840.91249 (11011309)
487978.00 3653480.20 5404.83750 (11011309) 488003.00 3653480.20 4747.81270 (11011309)
488028.00 3653480.20 3794.22165 (11011309) 488053.00 3653480.20 3814.02504 (12020609)
488078.00 3653480.20 3938.17691 (12020609) 488103.00 3653480.20 3945.92368 (12020609)
488128.00 3653480.20 3909.70546 (10010809) 488153.00 3653480.20 3971.82980 (10010809)
488178.00 3653480.20 3967.35275 (10010809) 488203.00 3653480.20 3906.54138 (10010809)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
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*** MODELPTS: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data *** PAGE 38

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3 **
```

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
488228.00	3653480.20	3792.30023	(10010809)	487603.00	3653505.20	7304.32716	(11122709)
487628.00	3653505.20	7690.50362	(11122709)	487653.00	3653505.20	7968.68458	(11122709)
487678.00	3653505.20	8107.15192	(11122709)	487703.00	3653505.20	8078.68084	(11122709)
487728.00	3653505.20	7883.46581	(11122709)	487753.00	3653505.20	8712.97737	(12010209)
487778.00	3653505.20	12123.81342	(11121209)	487803.00	3653505.20	16224.68887	(11121209)
487828.00	3653505.20	21490.85506	(11121209)	487853.00	3653505.20	15140.06425	(11121209)
487878.00	3653505.20	11825.51967	(11121209)	487903.00	3653505.20	9127.15198	(12121616)
487928.00	3653505.20	8169.36289	(12121616)	487953.00	3653505.20	7128.93824	(12121616)
487978.00	3653505.20	6112.63790	(12111809)	488003.00	3653505.20	5229.78224	(12111809)
488028.00	3653505.20	4363.59231	(10122316)	488053.00	3653505.20	4385.55904	(12020609)
488078.00	3653505.20	4292.64834	(12020609)	488103.00	3653505.20	4323.33772	(10010809)
488128.00	3653505.20	4282.05569	(10010809)	488153.00	3653505.20	4171.51457	(10010809)
488178.00	3653505.20	4027.92524	(10010809)	488203.00	3653505.20	3869.42383	(10010809)
488228.00	3653505.20	3654.77796	(10010809)	487603.00	3653530.20	7503.59994	(11011109)
487628.00	3653530.20	7743.02459	(11011109)	487653.00	3653530.20	7923.17712	(11011109)
487678.00	3653530.20	8365.62196	(11122709)	487703.00	3653530.20	8827.81541	(11122709)
487728.00	3653530.20	9257.06032	(11122709)	487753.00	3653530.20	10188.45402	(10121709)
487778.00	3653530.20	12662.29348	(10121709)	487803.00	3653530.20	18660.42510	(11121209)
487878.00	3653530.20	18035.01314	(11121209)	487903.00	3653530.20	14610.39851	(11121209)
487928.00	3653530.20	12573.71308	(12111809)	487953.00	3653530.20	10327.24252	(12121616)
487978.00	3653530.20	8601.26943	(12121616)	488003.00	3653530.20	7066.68947	(12111809)
488028.00	3653530.20	6284.20756	(10122316)	488053.00	3653530.20	5374.39669	(10122316)
488078.00	3653530.20	4821.14033	(10010809)	488103.00	3653530.20	4604.03272	(10010809)
488128.00	3653530.20	4339.21691	(10010809)	488153.00	3653530.20	4065.36669	(10010809)
488178.00	3653530.20	3810.06101	(10010809)	488203.00	3653530.20	3565.69439	(10010809)
488228.00	3653530.20	3391.10347	(10122309)	487603.00	3653555.20	7179.07108	(11011109)
487628.00	3653555.20	7635.08828	(11011109)	487653.00	3653555.20	8073.71318	(11011109)
487678.00	3653555.20	8489.01112	(11011109)	487703.00	3653555.20	8910.11082	(11011109)
487728.00	3653555.20	9454.43536	(12122916)	487753.00	3653555.20	11612.23359	(12122916)
487778.00	3653555.20	14679.18469	(12122916)	487803.00	3653555.20	24032.06172	(11121209)
487953.00	3653555.20	14229.32472	(12111809)	487978.00	3653555.20	13407.93507	(12111809)
488003.00	3653555.20	11111.94528	(10122316)	488028.00	3653555.20	8864.23809	(10122316)
488053.00	3653555.20	6699.25073	(10122316)	488078.00	3653555.20	5372.39283	(11121309)
488103.00	3653555.20	5093.98760	(11121309)	488128.00	3653555.20	4906.72959	(11121309)
488153.00	3653555.20	4777.30181	(11121309)	488178.00	3653555.20	4680.80129	(11121309)
488203.00	3653555.20	4600.30538	(11121309)	488228.00	3653555.20	4525.27430	(11121309)
487603.00	3653580.20	6117.04767	(11011109)	487628.00	3653580.20	6678.64429	(11011109)
487653.00	3653580.20	7268.59955	(11011109)	487678.00	3653580.20	7885.11132	(11011109)
487703.00	3653580.20	8552.48200	(11011109)	487728.00	3653580.20	10159.18258	(12122916)
487753.00	3653580.20	12759.60570	(12122916)	487778.00	3653580.20	16424.13173	(12122916)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA

*** AERMET - VERSION 19191 ***

*** 06/11/24

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*** MODELPTS: RegDFault CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S):
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487803.00	3653580.20	24732.22420	(12122509)	488003.00	3653580.20	18601.88356	(11121309)
488028.00	3653580.20	11938.07409	(11121309)	488053.00	3653580.20	9406.94597	(11121309)
488078.00	3653580.20	8126.95022	(11121309)	488103.00	3653580.20	7365.38172	(11121309)
488128.00	3653580.20	6917.36259	(11121309)	488153.00	3653580.20	6620.57604	(11121309)
488178.00	3653580.20	6389.48964	(11121309)	488203.00	3653580.20	6191.10870	(11121309)
488228.00	3653580.20	6017.95407	(11121309)	487603.00	3653605.20	5512.42288	(12011209)
487628.00	3653605.20	5811.95551	(12011209)	487653.00	3653605.20	6141.45334	(12011209)
487678.00	3653605.20	6516.57078	(12011209)	487703.00	3653605.20	7642.51121	(12122916)
487728.00	3653605.20	9628.84188	(12122916)	487753.00	3653605.20	12375.47271	(12122916)
487778.00	3653605.20	16160.45000	(12122916)	488003.00	3653605.20	23397.66908	(11121309)
488028.00	3653605.20	15187.89093	(11121309)	488053.00	3653605.20	11827.51108	(11121309)
488078.00	3653605.20	10081.10746	(11121309)	488103.00	3653605.20	9057.56624	(11121309)
488128.00	3653605.20	8402.50324	(11121309)	488153.00	3653605.20	8000.11932	(11121309)
488178.00	3653605.20	7695.24551	(11121309)	488203.00	3653605.20	7413.77493	(11121309)
488228.00	3653605.20	7159.37426	(11121309)	487603.00	3653630.20	5922.18695	(10010909)
487628.00	3653630.20	6240.78885	(10010909)	487653.00	3653630.20	6575.97016	(10010909)
487678.00	3653630.20	6941.60268	(10010909)	487703.00	3653630.20	7983.77181	(12012109)
487728.00	3653630.20	9538.78519	(12012109)	487753.00	3653630.20	11900.04402	(12012109)
487778.00	3653630.20	16132.95880	(12012109)	488003.00	3653630.20	23677.88507	(11121309)
488028.00	3653630.20	15594.08987	(11121309)	488053.00	3653630.20	12291.35429	(11121309)
488078.00	3653630.20	10543.00179	(11121309)	488103.00	3653630.20	9523.53819	(11121309)
488128.00	3653630.20	8839.23894	(11121309)	488153.00	3653630.20	8429.97976	(11121309)
488178.00	3653630.20	8137.32805	(11121309)	488203.00	3653630.20	7848.75706	(11121309)
488228.00	3653630.20	7571.79943	(11121309)	487603.00	3653655.20	6352.84131	(10010909)
487628.00	3653655.20	6607.46183	(10010909)	487653.00	3653655.20	6898.77159	(10010909)
487678.00	3653655.20	7419.73484	(10010709)	487703.00	3653655.20	8170.17787	(10010709)
487728.00	3653655.20	9353.33610	(12012109)	487753.00	3653655.20	11687.38170	(12012109)
487778.00	3653655.20	15919.50768	(12012109)	488003.00	3653655.20	21891.15499	(11121309)
488028.00	3653655.20	14165.60117	(11121309)	488053.00	3653655.20	11013.02545	(11121309)
488078.00	3653655.20	9454.88317	(11121309)	488103.00	3653655.20	8560.03896	(11121309)
488128.00	3653655.20	8028.23299	(11121309)	488153.00	3653655.20	7726.84201	(11121309)
488178.00	3653655.20	7502.81791	(11121309)	488203.00	3653655.20	7294.52470	(11121309)
488228.00	3653655.20	7083.19202	(11121309)	487603.00	3653680.20	6715.52035	(10010709)
487628.00	3653680.20	7289.70706	(10010709)	487653.00	3653680.20	7858.80362	(10010709)
487678.00	3653680.20	8421.87835	(10010709)	487703.00	3653680.20	8995.99367	(10010709)
487728.00	3653680.20	9657.98220	(10010709)	487753.00	3653680.20	10637.64311	(10010709)
487778.00	3653680.20	13684.07854	(12010609)	488003.00	3653680.20	22692.93971	(12123009)
488028.00	3653680.20	12484.68610	(12120109)	488053.00	3653680.20	9676.66371	(11123009)
488078.00	3653680.20	8527.54163	(11123009)	488103.00	3653680.20	7503.74135	(11123009)
488128.00	3653680.20	6775.82461	(12010309)	488153.00	3653680.20	6725.07477	(12010309)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA

*** AERMET - VERSION 19191 ***

*** 06/11/24

*** 12:26:42

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***							
INCLUDING SOURCE(S):							
VOL6	VOL7	VOL8	VOL9	VOL10	VOL11	VOL12	VOL13
VOL14	VOL15	VOL16	VOL17	VOL18	VOL19	VOL20	VOL21
VOL22	VOL23	VOL24	VOL25	VOL26	VOL27	VOL28	VOL29
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF DPM		IN MICROGRAMS/M**3		**		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
488178.00	3653680.20	6723.18870	(12010309)	488203.00	3653680.20	6662.74523	(12010309)
488228.00	3653680.20	6526.09693	(12010309)	487603.00	3653705.20	7469.58858	(10010709)
487628.00	3653705.20	7873.39347	(10010709)	487653.00	3653705.20	8222.15425	(10010709)
487678.00	3653705.20	8493.42744	(10010709)	487703.00	3653705.20	8674.77430	(10010709)
487728.00	3653705.20	8768.20067	(10010709)	487753.00	3653705.20	8854.44501	(12010609)
487778.00	3653705.20	9552.32531	(12010609)	487803.00	3653705.20	10888.53895	(10011309)
487828.00	3653705.20	10648.58939	(10011309)	487853.00	3653705.20	11857.96203	(12121616)
487878.00	3653705.20	13254.43951	(12120109)	487903.00	3653705.20	15681.44732	(12120109)
487928.00	3653705.20	16867.78178	(12120109)	487953.00	3653705.20	17501.83121	(12120109)
487978.00	3653705.20	17657.88790	(12120109)	488003.00	3653705.20	17379.04971	(12120109)
488028.00	3653705.20	13240.52364	(12123009)	488053.00	3653705.20	9148.01821	(11123009)
488078.00	3653705.20	8750.65669	(11123009)	488103.00	3653705.20	8189.12356	(11123009)
488128.00	3653705.20	7564.16997	(11123009)	488153.00	3653705.20	6905.15381	(11123009)
488178.00	3653705.20	6259.40862	(11123009)	488203.00	3653705.20	5654.83383	(12010309)
488228.00	3653705.20	5669.04619	(12010309)	487603.00	3653730.20	7476.30686	(10010709)
487628.00	3653730.20	7609.79229	(10010709)	487653.00	3653730.20	7614.95814	(10010709)
487678.00	3653730.20	7470.56157	(10010709)	487703.00	3653730.20	7156.27823	(10010709)
487728.00	3653730.20	6664.42665	(10010709)	487753.00	3653730.20	6497.45576	(10011309)
487778.00	3653730.20	7351.05286	(10011309)	487803.00	3653730.20	7349.46513	(10011309)
487828.00	3653730.20	7601.36380	(12121616)	487853.00	3653730.20	8344.29135	(12121616)
487878.00	3653730.20	8752.14863	(12121616)	487903.00	3653730.20	8829.54758	(12121616)
487928.00	3653730.20	9854.93493	(12123009)	487953.00	3653730.20	11262.84026	(12123009)
487978.00	3653730.20	12191.01371	(12123009)	488003.00	3653730.20	12700.64915	(12123009)
488028.00	3653730.20	12198.37424	(12123009)	488053.00	3653730.20	9927.12981	(12123009)
488078.00	3653730.20	7820.14287	(11123009)	488103.00	3653730.20	7876.07418	(11123009)
488128.00	3653730.20	7699.95982	(11123009)	488153.00	3653730.20	7358.79411	(11123009)
488178.00	3653730.20	6920.97025	(11123009)	488203.00	3653730.20	6437.63173	(11123009)
488228.00	3653730.20	5885.50102	(11123009)	487603.00	3653755.20	6743.48271	(10010709)
487628.00	3653755.20	6577.57432	(10010709)	487653.00	3653755.20	6248.57631	(10010709)
487678.00	3653755.20	5773.42090	(10010709)	487703.00	3653755.20	5167.53017	(10010709)
487728.00	3653755.20	4872.66318	(10011309)	487753.00	3653755.20	5390.78184	(10011309)
487778.00	3653755.20	5456.29616	(10011309)	487803.00	3653755.20	5464.19328	(10011809)
487828.00	3653755.20	5575.71897	(12121616)	487853.00	3653755.20	6026.40630	(12121616)
487878.00	3653755.20	6266.24507	(12121616)	487903.00	3653755.20	6278.95640	(12121616)
487928.00	3653755.20	6241.40028	(12123009)	487953.00	3653755.20	7875.96459	(12123009)
487978.00	3653755.20	9168.36594	(12123009)	488003.00	3653755.20	10100.55732	(12123009)
488028.00	3653755.20	10554.47102	(12123009)	488053.00	3653755.20	10017.51652	(12123009)
488078.00	3653755.20	8462.49864	(12123009)	488103.00	3653755.20	6760.91262	(11123009)
488128.00	3653755.20	7013.08226	(11123009)	488153.00	3653755.20	7062.78962	(11123009)
488178.00	3653755.20	6953.49119	(11123009)	488203.00	3653755.20	6705.98586	(11123009)

*** AERMOD - VERSION 23132 *** Cambridge School HRA
 *** AERMET - VERSION 19191 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***							
INCLUDING SOURCE(S):							
VOL6	VOL7	VOL8	VOL9	VOL10	VOL11	VOL12	VOL13
VOL14	VOL15	VOL16	VOL17	VOL18	VOL19	VOL20	VOL21
VOL22	VOL23	VOL24	VOL25	VOL26	VOL27	VOL28	VOL29
*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF DPM		IN MICROGRAMS/M**3		**		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
488228.00	3653755.20	6352.44350	(11123009)	487603.00	3653780.20	5551.11923	(10010709)
487628.00	3653780.20	5143.18282	(10010709)	487653.00	3653780.20	4626.44913	(10010709)
487678.00	3653780.20	4034.32643	(10010709)	487703.00	3653780.20	4058.26107	(12121109)
487728.00	3653780.20	4216.95943	(10011309)	487753.00	3653780.20	4264.97824	(10011309)
487778.00	3653780.20	4120.56611	(10122116)	487803.00	3653780.20	4431.56140	(10011809)
487828.00	3653780.20	4352.57357	(10011809)	487853.00	3653780.20	4532.72565	(12121616)
487878.00	3653780.20	4661.27075	(12121616)	487903.00	3653780.20	4589.12338	(12121616)
487928.00	3653780.20	4416.07028	(12121616)	487953.00	3653780.20	5464.25837	(12123009)
487978.00	3653780.20	6926.37737	(12123009)	488003.00	3653780.20	8148.12675	(12123009)
488028.00	3653780.20	9054.89044	(12123009)	488053.00	3653780.20	9390.92676	(12123009)
488078.00	3653780.20	8919.51682	(12123009)	488103.00	3653780.20	7685.93149	(12123009)
488128.00	3653780.20	6032.42916	(12123009)	488153.00	3653780.20	6192.72818	(11123009)
488178.00	3653780.20	6405.62450	(11123009)	488203.00	3653780.20	6449.96542	(11123009)
488228.00	3653780.20	6317.39361	(11123009)	487603.00	3653805.20	4217.89136	(10010709)
487628.00	3653805.20	3715.47666	(10010709)	487653.00	3653805.20	3536.50633	(12121109)
487678.00	3653805.20	3687.21062	(12121109)	487703.00	3653805.20	3645.00341	(12121109)
487728.00	3653805.20	3478.46676	(10011309)	487753.00	3653805.20	3292.99851	(10011309)
487778.00	3653805.20	3460.54402	(10011809)	487803.00	3653805.20	3639.00599	(10011809)
487828.00	3653805.20	3504.75705	(10011809)	487853.00	3653805.20	3524.79685	(12121616)
487878.00	3653805.20	3591.91082	(12121616)	487903.00	3653805.20	3648.14056	(12122309)
487928.00	3653805.20	3586.14813	(12122309)	487953.00	3653805.20	3646.23856	(12123009)
487978.00	3653805.20	5098.49949	(12123009)	488003.00	3653805.20	6471.55843	(12123009)
488028.00	3653805.20	7643.50269	(12123009)	488053.00	3653805.20	8477.92663	(12123009)
488078.00	3653805.20	8707.64305	(12123009)	488103.00	3653805.20	8266.11910	(12123009)
488128.00	3653805.20	7167.63684	(12123009)	488153.00	3653805.20	5749.73706	(12123009)
488178.00	3653805.20	5468.52395	(11123009)	488203.00	3653805.20	5758.96619	(11123009)
488228.00	3653805.20	5877.75339	(11123009)	487603.00	3653830.20	3134.27627	(12121109)
487628.00	3653830.20	3360.52036	(12121109)	487653.00	3653830.20	3447.09736	(12121109)
487678.00	3653830.20	3365.64595	(12121109)	487703.00	3653830.20	3116.72988	(12121109)
487728.00	3653830.20	2770.27087	(10011309)	487753.00	3653830.20	2730.57783	(10011809)
487778.00	3653830.20	2945.74810	(10011809)	487803.00	3653830.20	2958.15296	(10011809)


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*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP:		ALL	***	
INCLUDING SOURCE(S):		VOL1	VOL2	VOL3	VOL4	VOL5
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28

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

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*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:26:42
                                     *** 43

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL ***	
INCLUDING SOURCE(S):			
		VOL1	VOL2
VOL6	, VOL7	, VOL9	, VOL10
VOL14	, VOL15	, VOL16	, VOL17
VOL22	, VOL23	, VOL24	, VOL25
		, VOL11	, VOL12
		, VOL13	, VOL14
		, VOL15	, VOL16
		, VOL17	, VOL18
		, VOL19	, VOL20
		, VOL21	, VOL22
		, VOL23	, VOL24
		, VOL25	, VOL26
		, VOL27	, VOL28
		, . . .	

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487503.00	3653105.20	4467.57619	(11121209)	487553.00	3653105.20	5542.36146	(11121209)
487603.00	3653105.20	6021.51371	(11121209)	487653.00	3653105.20	5298.98849	(11121209)
487703.00	3653105.20	3513.94425	(11121209)	487753.00	3653105.20	3225.33999	(11105009)
487803.00	3653105.20	2773.37074	(11122309)	487853.00	3653105.20	2522.12825	(11012509)
487903.00	3653105.20	3012.63620	(11012509)	487953.00	3653105.20	2999.45242	(11012509)
488003.00	3653105.20	3164.13475	(11011309)	488053.00	3653105.20	3516.89998	(11011309)
488103.00	3653105.20	3306.71890	(11011309)	488153.00	3653105.20	2649.43750	(11011309)
488203.00	3653105.20	1903.73651	(11011709)	488253.00	3653105.20	1814.55145	(11011509)
488303.00	3653105.20	1655.56054	(11011509)	488353.00	3653105.20	1381.15564	(11011509)
488403.00	3653105.20	1096.46923	(12020609)	488453.00	3653105.20	1342.95338	(12020609)
487353.00	3653155.20	2911.63090	(12011109)	487403.00	3653155.20	3828.95505	(12010209)
487453.00	3653155.20	4286.15397	(12010209)	487503.00	3653155.20	4555.03823	(12010209)
487553.00	3653155.20	5402.84930	(11121209)	487603.00	3653155.20	6119.60428	(11121209)
487653.00	3653155.20	5944.33434	(11121209)	487703.00	3653155.20	4739.41470	(11121209)
487753.00	3653155.20	3497.60410	(11010509)	487803.00	3653155.20	3061.92950	(11010509)
487853.00	3653155.20	2751.80416	(11012509)	487903.00	3653155.20	3328.77053	(11012509)
487953.00	3653155.20	3296.32646	(11012509)	488003.00	3653155.20	3625.71981	(11011309)
488053.00	3653155.20	3827.09414	(11011309)	488103.00	3653155.20	3364.37136	(11011309)
488153.00	3653155.20	2611.59141	(11011709)	488203.00	3653155.20	2047.14601	(11011509)

488253.00	3653155.20	1671.39960	(11011509)	488303.00	3653155.20	1405.64946	(11011509)
488353.00	3653155.20	1232.23896	(12020609)	488403.00	3653155.20	1502.21811	(12020609)
488453.00	3653155.20	1741.58186	(12020609)	487353.00	3653205.20	3014.74707	(12011109)
487403.00	3653205.20	3058.24997	(12011109)	487453.00	3653205.20	3768.53137	(12010209)
487503.00	3653205.20	4589.61385	(12010209)	487553.00	3653205.20	5598.10749	(12010209)
487603.00	3653205.20	7119.71949	(11121209)	487653.00	3653205.20	7337.53321	(11121209)
487703.00	3653205.20	5875.93377	(11121209)	487753.00	3653205.20	3916.97421	(11121209)
487803.00	3653205.20	3446.84334	(11010509)	487853.00	3653205.20	2965.87634	(11012509)
487903.00	3653205.20	3620.97427	(11012509)	487953.00	3653205.20	3519.66976	(11012509)
488003.00	3653205.20	4064.71426	(11011309)	488053.00	3653205.20	4038.39250	(11011309)
488103.00	3653205.20	3313.55310	(11011309)	488153.00	3653205.20	2488.13190	(11011709)
488203.00	3653205.20	2156.34080	(11011509)	488253.00	3653205.20	1738.46468	(11011509)
488303.00	3653205.20	1397.35704	(12020609)	488353.00	3653205.20	1691.09160	(12020609)
488403.00	3653205.20	1936.25022	(12020609)	488453.00	3653205.20	2104.88816	(12020609)
487353.00	3653255.20	3272.01226	(11122809)	487403.00	3653255.20	3081.70910	(12011109)
487453.00	3653255.20	3304.00882	(12011109)	487503.00	3653255.20	4169.60527	(12010209)
487553.00	3653255.20	5584.92221	(12010209)	487603.00	3653255.20	6512.18354	(11121209)
487653.00	3653255.20	8071.00305	(11121209)	487703.00	3653255.20	7632.20595	(11121209)
487753.00	3653255.20	5426.13593	(11121209)	487803.00	3653255.20	3886.33338	(11010509)
487853.00	3653255.20	3240.56868	(11122309)	487903.00	3653255.20	3870.20866	(11012509)
487953.00	3653255.20	3861.99285	(11011309)	488003.00	3653255.20	4398.39669	(11011309)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:26:42
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

	*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION	VALUES FOR SOURCE GROUP: ALL	***					
	INCLUDING SOURCE(S):							
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .	,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
488053.00	3653255.20	4075.99120	(11011309)	488103.00	3653255.20	3171.75642	(11011709)
488153.00	3653255.20	2598.87803	(11011509)	488203.00	3653255.20	2121.00221	(11011509)
488253.00	3653255.20	1612.13212	(12020609)	488303.00	3653255.20	1948.57295	(12020609)
488353.00	3653255.20	2184.98110	(12020609)	488403.00	3653255.20	2317.54873	(12020609)
488453.00	3653255.20	2327.80254	(12020609)	487353.00	3653305.20	3824.67769	(11122709)
487403.00	3653305.20	3665.21238	(11122809)	487453.00	3653305.20	3509.49622	(11122809)
487503.00	3653305.20	3541.17543	(12011109)	487553.00	3653305.20	4966.08559	(12010209)
487603.00	3653305.20	6547.16653	(12010209)	487653.00	3653305.20	7758.54775	(11121209)
487703.00	3653305.20	8809.11284	(11121209)	487753.00	3653305.20	7266.78004	(11121209)
487803.00	3653305.20	4362.92810	(11121209)	487853.00	3653305.20	3615.49477	(11122309)
487903.00	3653305.20	4124.03417	(11012509)	487953.00	3653305.20	4364.79762	(11011309)
488003.00	3653305.20	4621.04976	(11011309)	488053.00	3653305.20	3970.28981	(11011309)
488103.00	3653305.20	2937.08650	(11011709)	488153.00	3653305.20	2526.80138	(11011509)
488203.00	3653305.20	1915.40380	(11011509)	488253.00	3653305.20	2257.85680	(12020609)
488303.00	3653305.20	2495.72740	(12020609)	488353.00	3653305.20	2567.86387	(12020609)
488403.00	3653305.20	2494.44969	(12020609)	488453.00	3653305.20	2333.45406	(10010809)
487353.00	3653355.20	4914.42915	(11122709)	487403.00	3653355.20	4723.07456	(11122709)
487453.00	3653355.20	4288.03658	(11122709)	487503.00	3653355.20	4025.88385	(11122809)
487553.00	3653355.20	4016.50787	(12011109)	488253.00	3653355.20	2845.44720	(12020609)
488303.00	3653355.20	2835.50610	(12020609)	488353.00	3653355.20	2647.32263	(12020609)
488403.00	3653355.20	2640.93967	(10010809)	488453.00	3653355.20	2525.18528	(10010809)
487353.00	3653405.20	5146.74243	(11122709)	487403.00	3653405.20	5492.48828	(11122709)
487453.00	3653405.20	5645.34309	(11122709)	487503.00	3653405.20	5467.15558	(11122709)
487553.00	3653405.20	4912.29332	(11122709)	488253.00	3653405.20	3142.00470	(10010809)
488303.00	3653405.20	3172.42408	(10010809)	488353.00	3653405.20	3028.96293	(10010809)
488403.00	3653405.20	2748.56661	(10010809)	488453.00	3653405.20	2463.35818	(10010809)
487353.00	3653455.20	5297.26831	(11011109)	487403.00	3653455.20	5492.93990	(11011109)
487453.00	3653455.20	5715.25806	(11122709)	487503.00	3653455.20	6317.08592	(11122709)
487553.00	3653455.20	6651.72923	(11122709)	488253.00	3653455.20	3629.28344	(10010809)
488303.00	3653455.20	3318.02343	(10010809)	488353.00	3653455.20	2913.49824	(10010809)
488403.00	3653455.20	2480.33391	(10010809)	488453.00	3653455.20	2142.47993	(10010809)
487353.00	3653505.20	4817.88072	(11011109)	487403.00	3653505.20	5359.08881	(11011109)
487453.00	3653505.20	5934.31607	(11011109)	487503.00	3653505.20	6456.54999	(11011109)
487553.00	3653505.20	6842.18281	(11011109)	488253.00	3653505.20	3411.72336	(10010809)
488303.00	3653505.20	2895.60973	(10010809)	488353.00	3653505.20	2535.83399	(10122309)
488403.00	3653505.20	2338.03656	(10122309)	488453.00	3653505.20	2278.56315	(11121309)
487353.00	3653555.20	3636.57166	(12011209)	487403.00	3653555.20	4124.67688	(12011209)
487453.00	3653555.20	4608.76324	(11011109)	487503.00	3653555.20	5375.71214	(11011109)
487553.00	3653555.20	6249.02715	(11011109)	488253.00	3653555.20	4454.73336	(11121309)
488303.00	3653555.20	4323.75765	(11121309)	488353.00	3653555.20	4191.95665	(11121309)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:26:42
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

	*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION	VALUES FOR SOURCE GROUP: ALL	***					
	INCLUDING SOURCE(S):							
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13	,
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21	,
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .	,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
488403.00	3653555.20	4049.22186	(11121309)	488453.00	3653555.20	3900.67213	(11121309)
487353.00	3653605.20	3114.00133	(10120809)	487403.00	3653605.20	3591.55708	(10120809)
487453.00	3653605.20	4031.21844	(10120809)	487503.00	3653605.20	4406.81832	(10120809)
487553.00	3653605.20	4912.86174	(12011209)	488253.00	3653605.20	6910.62571	(11121309)
488303.00	3653605.20	6423.61775	(11121309)	488353.00	3653605.20	5974.25809	(11121309)
488403.00	3653605.20	5563.01109	(11121309)	488453.00	3653605.20	5186.52848	(11121309)
487353.00	3653655.20	3579.01211	(11123109)	487403.00	3653655.20	4007.82392	(10010909)

487453.00	3653655.20	4584.58978	(10010909)	487503.00	3653655.20	5160.05615	(10010909)
487553.00	3653655.20	5762.60491	(10010909)	488253.00	3653655.20	6869.73873	(11121309)
488303.00	3653655.20	6449.43943	(11121309)	488353.00	3653655.20	6019.99690	(11121309)
488403.00	3653655.20	5600.13293	(11121309)	488453.00	3653655.20	5280.64881	(11121309)
487353.00	3653705.20	3703.54486	(10010909)	487403.00	3653705.20	4036.30788	(10010909)
487453.00	3653705.20	4665.50751	(10010709)	487503.00	3653705.20	5597.63565	(10010709)
487553.00	3653705.20	6552.16257	(10010709)	488253.00	3653705.20	5611.30088	(12010309)
488303.00	3653705.20	5304.01283	(12010309)	488353.00	3653705.20	4893.53875	(12010309)
488403.00	3653705.20	4644.40436	(12010309)	488453.00	3653705.20	4409.34805	(12010309)
487353.00	3653755.20	4343.40817	(10010709)	487403.00	3653755.20	5007.56616	(10010709)
487453.00	3653755.20	5699.92286	(10010709)	487503.00	3653755.20	6328.85356	(10010709)
487553.00	3653755.20	6713.34207	(10010709)	488253.00	3653755.20	5853.58220	(11123009)
488303.00	3653755.20	4859.38307	(11123009)	488353.00	3653755.20	4102.79784	(12122310)
488403.00	3653755.20	3898.74039	(12122310)	488453.00	3653755.20	3659.31903	(12010309)
487353.00	3653805.20	4794.02841	(10010709)	487403.00	3653805.20	5112.78211	(10010709)
487453.00	3653805.20	5250.43257	(10010709)	487503.00	3653805.20	5177.05739	(10010709)
487553.00	3653805.20	4924.37858	(10010709)	488253.00	3653805.20	5822.33683	(11123009)
488303.00	3653805.20	5474.01182	(11123009)	488353.00	3653805.20	4889.37592	(11123009)
488403.00	3653805.20	4229.05066	(11123009)	488453.00	3653805.20	3611.39678	(11123009)
487353.00	3653855.20	4302.74716	(10010709)	487403.00	3653855.20	4173.10752	(10010709)
487453.00	3653855.20	3867.08356	(10010709)	487503.00	3653855.20	3382.84514	(10010709)
487553.00	3653855.20	2797.67685	(10010709)	488253.00	3653855.20	4509.81092	(11123009)
488303.00	3653855.20	4853.53493	(11123009)	488353.00	3653855.20	4889.28357	(11123009)
488403.00	3653855.20	4711.82188	(11123009)	488453.00	3653855.20	4344.18726	(11123009)
487353.00	3653905.20	3194.40066	(10010709)	487403.00	3653905.20	2852.65932	(12010609)
487453.00	3653905.20	2416.06289	(12010609)	487503.00	3653905.20	2536.75479	(12121109)
487553.00	3653905.20	2891.19960	(12121109)	488253.00	3653905.20	4922.86748	(12123009)
488303.00	3653905.20	3561.52052	(11123009)	488353.00	3653905.20	4043.33835	(11123009)
488403.00	3653905.20	4308.37282	(11123009)	488453.00	3653905.20	4336.81416	(11123009)
487353.00	3653955.20	2235.07904	(12010609)	487403.00	3653955.20	1949.35481	(12121109)
487453.00	3653955.20	2385.84765	(12121109)	487503.00	3653955.20	2627.59891	(12121109)
487553.00	3653955.20	2517.80077	(12121109)	487603.00	3653955.20	2074.69843	(12121109)
487653.00	3653955.20	1423.25408	(12121109)	487703.00	3653955.20	1668.98010	(10121209)

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

	*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***																						
	INCLUDING SOURCE(S):																						
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13	, VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21	, VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM		IN MICROGRAMS/M**3					
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487753.00	3653955.20	2065.27563	(10121209)	487803.00	3653955.20	2212.78818	(10121209)
487853.00	3653955.20	1998.93295	(10121209)	487903.00	3653955.20	2354.37748	(12122309)
487953.00	3653955.20	2393.85363	(12122309)	488003.00	3653955.20	2209.90886	(11122909)
488053.00	3653955.20	2389.98001	(11122909)	488103.00	3653955.20	4029.67732	(12123009)
488153.00	3653955.20	5890.34048	(12123009)	488203.00	3653955.20	6692.42299	(12123009)
488253.00	3653955.20	6130.96826	(12123009)	488303.00	3653955.20	4646.02265	(12123009)
488353.00	3653955.20	2965.03838	(12123009)	488403.00	3653955.20	3349.40389	(11123009)
488453.00	3653955.20	3703.69707	(11123009)	487353.00	3654005.20	1894.60240	(12121109)
487403.00	3654005.20	2245.75678	(12121109)	487453.00	3654005.20	2410.14648	(12121109)
487503.00	3654005.20	2284.86281	(12121109)	487553.00	3654005.20	1890.18377	(12121109)
487603.00	3654005.20	1326.68951	(12121109)	487653.00	3654005.20	1252.49072	(10121209)
487703.00	3654005.20	1635.54825	(10121209)	487753.00	3654005.20	1941.45211	(10121209)
487803.00	3654005.20	1984.50792	(10121209)	487853.00	3654005.20	1750.47858	(10121209)
487903.00	3654005.20	2203.11260	(12122309)	487953.00	3654005.20	2302.91201	(12122309)
488003.00	3654005.20	1935.91032	(12122309)	488053.00	3654005.20	2134.58894	(11122909)
488103.00	3654005.20	2357.50001	(12123009)	488153.00	3654005.20	4122.53446	(12123009)
488203.00	3654005.20	5660.36555	(12123009)	488253.00	3654005.20	6258.86122	(12123009)
488303.00	3654005.20	5753.17368	(12123009)	488353.00	3654005.20	4430.27655	(12123009)
488403.00	3654005.20	2967.48001	(12123009)	488453.00	3654005.20	2806.11572	(11123009)
487353.00	3654055.20	2103.15433	(12121109)	487403.00	3654055.20	2202.58617	(12121109)
487453.00	3654055.20	2076.10691	(12121109)	487503.00	3654055.20	1725.81739	(12121109)
487553.00	3654055.20	1252.58441	(12121109)	487603.00	3654055.20	991.97702	(12121209)
487653.00	3654055.20	1278.91105	(10121209)	487703.00	3654055.20	1617.09172	(10121209)
487753.00	3654055.20	1845.50914	(10121209)	487803.00	3654055.20	1814.74003	(10121209)
487853.00	3654055.20	1597.12015	(12122309)	487903.00	3654055.20	2163.04141	(12122309)
487953.00	3654055.20	2277.89605	(12122309)	488003.00	3654055.20	1935.86806	(12122309)
488053.00	3654055.20	1878.03645	(11122909)	488103.00	3654055.20	2007.57554	(11122909)
488153.00	3654055.20	2612.50479	(12123009)	488203.00	3654055.20	4219.53997	(12123009)
488253.00	3654055.20	5471.27563	(12123009)	488303.00	3654055.20	5955.54878	(12123009)
488353.00	3654055.20	5454.97892	(12123009)	488403.00	3654055.20	4287.79204	(12123009)
488453.00	3654055.20	2961.53405	(12123009)	487353.00	3654105.20	2038.46188	(12121109)
487403.00	3654105.20	1912.94790	(12121109)	487453.00	3654105.20	1597.11408	(12121109)
487503.00	3654105.20	1171.93202	(12121109)	487553.00	3654105.20	958.85843	(12121209)
487603.00	3654105.20	1012.00569	(10121209)	487653.00	3654105.20	1320.68888	(10121209)
487703.00	3654105.20	1655.93912	(10121209)	487753.00	3654105.20	1919.17327	(10121209)
487803.00	3654105.20	1788.59508	(10121209)	487853.00	3654105.20	1550.08303	(12122309)
487903.00	3654105.20	2074.44773	(12122309)	487953.00	3654105.20	2177.54304	(12122309)
488003.00	3654105.20	1899.07820	(12122309)	488053.00	3654105.20	1627.37527	(11122909)
488103.00	3654105.20	1842.99522	(11122909)	488153.00	3654105.20	1864.59468	(11122909)
488203.00	3654105.20	2826.89563	(12123009)	488253.00	3654105.20	4270.54372	(12123009)

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

	*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***																						
	INCLUDING SOURCE(S):																						
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13	, VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21	, VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3							
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
488303.00	3654105.20	5420.27367	(12123009)	488353.00	3654105.20	5760.03842	(12123009)
488403.00	3654105.20	5210.55000	(12123009)	488453.00	3654105.20	4129.83947	(12123009)
487353.00	3654155.20	1833.78850	(12121109)	487403.00	3654155.20	1547.03727	(12121109)
487453.00	3654155.20	1144.93033	(12121109)	487503.00	3654155.20	929.51120	(12121209)
487553.00	3654155.20	802.80993	(10121209)	487603.00	3654155.20	1060.08545	(10121209)
487653.00	3654155.20	1346.17025	(10121209)	487703.00	3654155.20	1596.92735	(10121209)
487753.00	3654155.20	1685.48984	(10121209)	487803.00	3654155.20	1600.16425	(10121209)
487853.00	3654155.20	1488.28522	(12122309)	487903.00	3654155.20	1884.67346	(12122309)
487953.00	3654155.20	2009.13619	(12122309)	488003.00	3654155.20	1842.08679	(12122309)
488053.00	3654155.20	1462.39405	(12122309)	488103.00	3654155.20	1665.04883	(11122909)
488153.00	3654155.20	1780.89248	(11122909)	488203.00	3654155.20	1755.37463	(12123009)
488253.00	3654155.20	3045.69577	(12123009)	488303.00	3654155.20	4414.54262	(12123009)
488353.00	3654155.20	5342.13102	(12123009)	488403.00	3654155.20	5511.23773	(12123009)
488453.00	3654155.20	4969.38517	(12123009)	488503.00	3652605.20	1842.26843	(12010209)
486953.00	3652605.20	2179.79424	(12010209)	487053.00	3652605.20	2469.10316	(12010209)
487153.00	3652605.20	2498.74184	(11121209)	487253.00	3652605.20	3119.29577	(11121209)
487353.00	3652605.20	3296.94453	(11121209)	487453.00	3652605.20	2182.35671	(11121209)
487553.00	3652605.20	1476.00143	(11010509)	487653.00	3652605.20	1285.58133	(11010509)
487753.00	3652605.20	1130.43049	(12012509)	487853.00	3652605.20	1296.72765	(11012509)
487953.00	3652605.20	1643.44220	(11012509)	488053.00	3652605.20	1793.78602	(10121309)
488153.00	3652605.20	1881.01250	(11011309)	488253.00	3652605.20	1756.91096	(11011309)
488353.00	3652605.20	1861.36312	(11011309)	488453.00	3652605.20	1444.07593	(11011709)
488553.00	3652605.20	1225.67813	(11011509)	488653.00	3652605.20	1137.67460	(11011509)
488753.00	3652605.20	909.98112	(11011509)	488853.00	3652605.20	628.08239	(10010410)
488953.00	3652605.20	657.14857	(10010410)	486853.00	3652705.20	1568.70304	(12011109)
486953.00	3652705.20	1960.07252	(12010209)	487053.00	3652705.20	2602.84317	(12010209)
487153.00	3652705.20	2680.18404	(12010209)	487253.00	3652705.20	3010.24472	(11121209)
487353.00	3652705.20	3554.50162	(11121209)	487453.00	3652705.20	2975.39516	(11121209)
487553.00	3652705.20	1705.37239	(11010509)	487653.00	3652705.20	1523.21225	(11010509)
487753.00	3652705.20	1155.45306	(11010509)	487853.00	3652705.20	1393.99748	(11012509)
487953.00	3652705.20	2072.65126	(11012509)	488053.00	3652705.20	1968.29321	(10121309)
488153.00	3652705.20	2305.42654	(11011309)	488253.00	3652705.20	1976.48190	(11011309)
488353.00	3652705.20	1757.54728	(11011709)	488453.00	3652705.20	1482.64222	(11011509)
488553.00	3652705.20	1295.21256	(11011509)	488653.00	3652705.20	1024.83841	(11011509)
488753.00	3652705.20	701.42733	(11011509)	488853.00	3652705.20	706.34619	(10010410)
488953.00	3652705.20	853.29036	(12020609)	486853.00	3652805.20	1770.58267	(12011109)
486953.00	3652805.20	1842.79795	(12011109)	487053.00	3652805.20	2176.66212	(12010209)
487153.00	3652805.20	2954.90515	(12010209)	487253.00	3652805.20	2939.19660	(12010209)
487353.00	3652805.20	3674.57898	(11121209)	487453.00	3652805.20	4137.56694	(11121209)
487553.00	3652805.20	2739.81601	(11121209)	487653.00	3652805.20	1939.42841	(11010509)

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*** Cambridge School HRA

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*** MODELOPTs: RegDFault CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S):
 VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
 VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
 VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM IN MICROGRAMS/M**3							
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487753.00	3652805.20	1336.12869	(11010509)	487853.00	3652805.20	1441.38650	(11012509)
487953.00	3652805.20	2142.81008	(11012509)	488053.00	3652805.20	2113.02139	(11011309)
488153.00	3652805.20	2730.82169	(11011309)	488253.00	3652805.20	2290.63457	(11011309)
488353.00	3652805.20	1590.76099	(11011709)	488453.00	3652805.20	1540.27127	(11011509)
488553.00	3652805.20	1220.51111	(11011509)	488653.00	3652805.20	825.09491	(11011509)
488753.00	3652805.20	760.02272	(10010410)	488853.00	3652805.20	1005.61282	(12020609)
488953.00	3652805.20	1225.76896	(12020609)	486853.00	3652905.20	1695.77643	(12013009)
486953.00	3652905.20	1937.16639	(12011109)	487053.00	3652905.20	2027.75086	(12011109)
487153.00	3652905.20	2726.55077	(12010209)	487253.00	3652905.20	3247.42491	(12010209)
487353.00	3652905.20	3195.66394	(11121209)	487453.00	3652905.20	4247.27600	(11121209)
487553.00	3652905.20	3931.73981	(11121209)	487653.00	3652905.20	2453.97947	(11010509)
487753.00	3652905.20	1810.11334	(11010509)	487853.00	3652905.20	1462.26685	(11012509)
487953.00	3652905.20	1957.72275	(11012509)	488053.00	3652905.20	2433.89039	(11011309)
488153.00	3652905.20	2901.74546	(11011309)	488253.00	3652905.20	2280.64286	(11011709)
488353.00	3652905.20	1763.14336	(11011509)	488453.00	3652905.20	1436.13283	(11011509)
488553.00	3652905.20	980.74183	(11011509)	488653.00	3652905.20	884.49467	(12020609)
488753.00	3652905.20	1194.89070	(12020609)	488853.00	3652905.20	1414.92459	(12020609)
488953.00	3652905.20	1509.15261	(12020609)	486853.00	3653005.20	2022.63058	(11122809)
486953.00	3653005.20	1983.71946	(11122809)	487053.00	3653005.20	2110.93314	(12011109)
487153.00	3653005.20	2353.06482	(12011109)	487253.00	3653005.20	2772.05541	(12010209)
487353.00	3653005.20	3670.14531	(12010209)	487453.00	3653005.20	4203.46495	(11121209)
487553.00	3653005.20	5297.42845	(11121209)	487653.00	3653005.20	3208.50187	(11121209)
487753.00	3653005.20	2573.51111	(11010509)	487853.00	3653005.20	1962.53129	(11012509)
487953.00	3653005.20	2159.24124	(11012509)	488053.00	3653005.20	2433.81885	(11011309)
488153.00	3653005.20	2849.99664	(11011309)	488253.00	3653005.20	1983.32258	(11011709)
488353.00	3653005.20	1718.24867	(11011509)	488453.00	3653005.20	1187.20712	(11011509)
488553.00	3653005.20	1080.52106	(12020609)	488653.00	3653005.20	1434.51984	(12020609)
488753.00	3653005.20	1635.58825	(12020609)	488853.00	3653005.20	1656.24641	(12020609)
488953.00	3653005.20	1547.00248	(12020609)	486853.00	3653105.20	2800.23188	(11122709)
486953.00	3653105.20	2577.46675	(11122709)	487053.00	3653105.20	2477.39707	(11122809)
487153.00	3653105.20	2362.05480	(12013009)	487253.00	3653105.20	2654.26842	(12011109)
488553.00	3653105.20	1734.30226	(12020609)	488653.00	3653105.20	1885.53691	(12020609)
488753.00	3653105.20	1795.69723	(12020609)	488853.00	3653105.20	1731.15271	(10010809)
488953.00	3653105.20	1827.22131	(10010809)	486853.00	3653205.20	2931.75970	(11122709)
486953.00	3653205.20	3286.16006	(11122709)	487053.00	3653205.20	3469.02116	(11122709)
487153.00	3653205.20	3145.54681	(11122709)	487253.00	3653205.20	2984.85840	(11122809)
488553.00	3653205.20	2137.04537	(12020609)	488653.00	3653205.20	2039.88757	(10010809)
488753.00	3653205.20	2035.60559	(10010809)	488853.00	3653205.20	1922.10152	(10010809)
488953.00	3653205.20	1798.03064	(10010809)	486853.00	3653305.20	3160.84436	(11011109)
486953.00	3653305.20	3337.18064	(11011109)	487053.00	3653305.20	3691.31223	(11122709)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:26:42
*** PAGE 49

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487153.00	3653305.20	4263.83429	(11122709)	487253.00	3653305.20	4398.90547	(11122709)
488553.00	3653305.20	2327.07675	(10010809)	488653.00	3653305.20	2174.34346	(10010809)
488753.00	3653305.20	1822.20266	(10010809)	488853.00	3653305.20	1515.64226	(10010809)
488953.00	3653305.20	1343.17698	(10010309)	486853.00	3653405.20	2803.25837	(11011109)
486953.00	3653405.20	3337.14809	(11011109)	487053.00	3653405.20	3916.93536	(11011109)
487153.00	3653405.20	4378.27519	(11011109)	487253.00	3653405.20	4657.01526	(11011109)
488553.00	3653405.20	1970.83380	(10010809)	488653.00	3653405.20	1542.87152	(10010809)
488753.00	3653405.20	1210.25544	(10010109)	488853.00	3653405.20	1179.65904	(10010109)
488953.00	3653405.20	1214.69374	(10010109)	486853.00	3653505.20	2186.28450	(12011209)
486953.00	3653505.20	2599.79489	(12011209)	487053.00	3653505.20	2965.91252	(12011209)
487153.00	3653505.20	3167.40660	(12011209)	487253.00	3653505.20	3809.01522	(11011109)
488553.00	3653505.20	2312.95251	(11121309)	488653.00	3653505.20	2295.51405	(11121309)
488753.00	3653505.20	2250.87191	(11121309)	488853.00	3653505.20	2206.73560	(11121309)
488953.00	3653505.20	2158.20747	(11121309)	486853.00	3653605.20	2024.69759	(10120809)
486953.00	3653605.20	2235.72657	(10120809)	487053.00	3653605.20	2434.18808	(10120809)
487153.00	3653605.20	2549.03121	(10120809)	487253.00	3653605.20	2708.37134	(10120809)
488553.00	3653605.20	4609.63669	(11121309)	488653.00	3653605.20	4144.34055	(11121309)
488753.00	3653605.20	3861.21618	(11121309)	488853.00	3653605.20	3711.88705	(11121309)
488953.00	3653605.20	3492.13745	(11121309)	486853.00	3653705.20	2581.85674	(11123109)
486953.00	3653705.20	2738.67078	(10010909)	487053.00	3653705.20	2856.19012	(11123109)
487153.00	3653705.20	2966.98270	(10010909)	487253.00	3653705.20	3190.70162	(10010909)
488553.00	3653705.20	3972.48861	(12010309)	488653.00	3653705.20	3767.49402	(11121309)
488753.00	3653705.20	3758.88391	(11121309)	488853.00	3653705.20	3573.64220	(11121309)
488953.00	3653705.20	3421.44982	(11121309)	486853.00	3653805.20	2755.29199	(10010909)
486953.00	3653805.20	2844.97916	(10010909)	487053.00	3653805.20	2840.02830	(10010709)
487153.00	3653805.20	3385.31350	(10010709)	487253.00	3653805.20	4003.09884	(10010709)
488553.00	3653805.20	3308.10287	(12122310)	488653.00	3653805.20	3088.41976	(12122310)
488753.00	3653805.20	3045.97104	(12010309)	488853.00	3653805.20	3001.89739	(12010309)
488953.00	3653805.20	2946.21453	(12010309)	486853.00	3653905.20	3030.61026	(10010709)
486953.00	3653905.20	3497.66180	(10010709)	487053.00	3653905.20	3707.01781	(10010709)
487153.00	3653905.20	3792.18114	(10010709)	487253.00	3653905.20	3603.65731	(10010709)
488553.00	3653905.20	3945.94424	(11123009)	488653.00	3653905.20	3263.23096	(11123009)
488753.00	3653905.20	2541.69800	(12122310)	488853.00	3653905.20	2564.46325	(12122310)
488953.00	3653905.20	2490.90680	(12122310)	486853.00	3654005.20	2970.22039	(10010709)
486953.00	3654005.20	3154.74559	(10010709)	487053.00	3654005.20	2987.40794	(10010709)
487153.00	3654005.20	2591.65716	(12010609)	487253.00	3654005.20	2091.99703	(12010609)
488553.00	3654005.20	3476.26574	(11123009)	488653.00	3654005.20	3630.08104	(11123009)
488753.00	3654005.20	3372.30336	(11123009)	488853.00	3654005.20	2916.15653	(11123009)
488953.00	3654005.20	2408.24919	(11123009)	486853.00	3654105.20	2322.40205	(10010709)
486953.00	3654105.20	2231.45811	(12010609)	487053.00	3654105.20	1932.44065	(12010609)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:26:42
*** PAGE 50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM		IN MICROGRAMS/M**3		**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487153.00	3654105.20	1336.52691	(12010609)	487253.00	3654105.20	1756.96551	(12121109)
488553.00	3654105.20	2328.92012	(10012409)	488653.00	3654105.20	2681.59127	(11123009)
488753.00	3654105.20	3064.54215	(11123009)	488853.00	3654105.20	3125.74661	(11123009)
488953.00	3654105.20	2978.09295	(11123009)	486853.00	3654205.20	1790.54964	(12010609)
486953.00	3654205.20	1301.37808	(12010609)	487053.00	3654205.20	1220.75048	(12121109)
487153.00	3654205.20	1654.81316	(12121109)	487253.00	3654205.20	1806.56830	(12121109)
487353.00	3654205.20	1543.13096	(12121109)	487453.00	3654205.20	924.56829	(12121209)
487553.00	3654205.20	852.84845	(10121209)	487653.00	3654205.20	1339.87624	(10121209)
487753.00	3654205.20	1544.30038	(10121209)	487853.00	3654205.20	1350.16866	(12122309)
487953.00	3654205.20	1856.44694	(12122309)	488053.00	3654205.20	1476.43474	(12122309)
488153.00	3654205.20	1670.26585	(11122909)	488253.00	3654205.20	1990.70801	(12123009)
488353.00	3654205.20	4397.05970	(12123009)	488453.00	3654205.20	5219.37254	(12123009)
488553.00	3654205.20	3849.54778	(12123009)	488653.00	3654205.20	2170.03328	(10012409)
488753.00	3654205.20	2019.25894	(11123009)	488853.00	3654205.20	2511.92772	(11123009)
488953.00	3654205.20	2724.82660	(11123009)	486853.00	3654305.20	872.97980	(12010609)
486953.00	3654305.20	1229.52447	(12121109)	487053.00	3654305.20	1539.90048	(12121109)
487153.00	3654305.20	1643.66389	(12121109)	487253.00	3654305.20	1360.02986	(12121109)
487353.00	3654305.20	903.41485	(12121209)	487453.00	3654305.20	669.34755	(12122311)
487553.00	3654305.20	938.66644	(10121209)	487653.00	3654305.20	1221.46450	(10121209)
487753.00	3654305.20	1288.52902	(10121209)	487853.00	3654305.20	1171.12951	(12122309)
487953.00	3654305.20	1865.24912	(12122309)	488053.00	3654305.20	1551.45046	(12122309)
488153.00	3654305.20	1464.93814	(11122909)	488253.00	3654305.20	1855.35005	(11122909)
488353.00	3654305.20	2283.96181	(12123009)	488453.00	3654305.20	4254.88789	(12123009)
488553.00	3654305.20	4771.70801	(12123009)	488653.00	3654305.20	3544.89135	(12123009)
488753.00	3654305.20	1981.52482	(10012409)	488853.00	3654305.20	1843.08613	(10012509)
488953.00	3654305.20	1961.48413	(11123009)	486853.00	3654405.20	1229.50587	(12121109)
486953.00	3654405.20	1445.06657	(12121109)	487053.00	3654405.20	1418.46128	(12121109)
487153.00	3654405.20	1234.96823	(12121109)	487253.00	3654405.20	847.55817	(12121209)
487353.00	3654405.20	931.45589	(12121616)	487453.00	3654405.20	719.12523	(10121209)

487553.00 3654405.20 970.48815 (10121209) 487653.00 3654405.20 1143.67115 (10121209)
487753.00 3654405.20 1397.28362 (10121209) 487853.00 3654405.20 1691.45176 (10121716)
487953.00 3654405.20 1844.48228 (12122309) 488053.00 3654405.20 1635.34906 (12122309)
488153.00 3654405.20 1278.38621 (11122909) 488253.00 3654405.20 1843.13315 (11122909)
488353.00 3654405.20 1818.48258 (11122909) 488453.00 3654405.20 2479.41969 (12123009)
488553.00 3654405.20 4076.34783 (12123009) 488653.00 3654405.20 4370.63753 (12123009)
488753.00 3654405.20 3293.11340 (12123009) 488853.00 3654405.20 1879.28011 (12123009)
488953.00 3654405.20 1723.53699 (10012409) 488953.00 3654505.20 1362.47807 (12121109)
486953.00 3654505.20 1300.44477 (12121109) 487053.00 3654505.20 1022.40001 (12121109)
487153.00 3654505.20 744.49473 (12121209) 487253.00 3654505.20 675.56017 (12121209)
487353.00 3654505.20 571.75804 (12021509) 487453.00 3654505.20 761.26997 (10121209)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:26:42
*** 51
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two main data blocks, one for Cambridge School HRA and one for Cambridge School HRA, each with 48 rows of receptor point data.

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** 12:26:42
*** 52
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

Table with 8 columns: X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH), X-COORD (M), Y-COORD (M), CONC, (YYMMDDHH). It contains two main data blocks, one for Cambridge School HRA and one for Cambridge School HRA, each with 48 rows of receptor point data.

```
488053.00 3652205.20 1075.71024 (11012509) 488253.00 3652205.20 1215.68412 (11011309)
488453.00 3652205.20 1437.69306 (11011309) 488653.00 3652205.20 959.96075 (11011709)
488853.00 3652205.20 983.02370 (11011509) 489053.00 3652205.20 687.88891 (11011509)
489253.00 3652205.20 477.66637 (10010410) 489453.00 3652205.20 480.66154 (10010410)
489653.00 3652205.20 641.69282 (12020609) 489853.00 3652205.20 844.86379 (12020609)
490053.00 3652205.20 904.45695 (12020609) 485853.00 3652405.20 1211.56912 (11122809)
486053.00 3652405.20 1012.32421 (12013009) 486253.00 3652405.20 1058.95244 (12011109)
486453.00 3652405.20 1309.05029 (12011109) 486653.00 3652405.20 1542.11227 (12010209)
486853.00 3652405.20 2238.49634 (12010209) 487053.00 3652405.20 2429.48838 (11121209)
487253.00 3652405.20 2753.22014 (11121209) 487453.00 3652405.20 1211.56881 (11010509)
487653.00 3652405.20 976.72160 (11010509) 487853.00 3652405.20 1079.89694 (11012509)
488053.00 3652405.20 1355.98170 (11012509) 488253.00 3652405.20 1817.05097 (11011309)
488453.00 3652405.20 1578.21586 (11011709) 488653.00 3652405.20 1192.43031 (11011509)
488853.00 3652405.20 881.71549 (11011509) 489053.00 3652405.20 542.16302 (10010410)
489253.00 3652405.20 559.14277 (10010410) 489453.00 3652405.20 838.03327 (12020609)
489653.00 3652405.20 989.33680 (12020609) 489853.00 3652405.20 1033.03857 (12020609)
490053.00 3652405.20 892.59615 (12020609) 485853.00 3652605.20 1414.68750 (11122709)
486053.00 3652605.20 1151.76985 (11122809) 486253.00 3652605.20 1169.29901 (11122809)
486453.00 3652605.20 1147.47311 (12013009) 486653.00 3652605.20 1501.10102 (12011109)
489053.00 3652605.20 729.45179 (12020609) 489253.00 3652605.20 1066.25135 (12020609)
489453.00 3652605.20 1176.95175 (12020609) 489653.00 3652605.20 1064.24673 (12020609)
489853.00 3652605.20 1121.45096 (10010809) 490053.00 3652605.20 612.21662 (12120209)
485853.00 3652805.20 1653.67691 (11122709) 486053.00 3652805.20 1850.98944 (11122709)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:26:42
*** MODELoptS: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 53
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
486253.00 3652805.20 1650.17855 (11122709) 486453.00 3652805.20 1401.25169 (11122809)
486653.00 3652805.20 1454.10237 (12013009) 489053.00 3652805.20 1354.22560 (12020609)
489253.00 3652805.20 1312.78462 (12020609) 489453.00 3652805.20 1279.82453 (10010809)
489653.00 3652805.20 1336.20493 (10010809) 489853.00 3652805.20 753.57743 (12120209)
490053.00 3652805.20 690.97637 (12120209) 485853.00 3653005.20 1802.63495 (11011109)
486053.00 3653005.20 1855.24356 (11011109) 486253.00 3653005.20 1823.36248 (11122709)
486453.00 3653005.20 2230.27363 (11122709) 486653.00 3653005.20 2257.89670 (11122709)
489053.00 3653005.20 1591.84991 (10010809) 489253.00 3653005.20 1562.00612 (10010809)
489453.00 3653005.20 1396.97906 (10010809) 489653.00 3653005.20 1214.24130 (10010309)
489853.00 3653005.20 1001.70100 (10010309) 490053.00 3653005.20 784.93318 (10010309)
485853.00 3653205.20 1495.59851 (11011109) 486053.00 3653205.20 1836.73895 (11011109)
486253.00 3653205.20 2086.71041 (11011109) 486453.00 3653205.20 2421.33130 (11011109)
486653.00 3653205.20 2368.75470 (11011109) 489053.00 3653205.20 1579.67023 (10010309)
489253.00 3653205.20 1229.60247 (10010309) 489453.00 3653205.20 902.42100 (10010309)
489653.00 3653205.20 882.47408 (10010109) 489853.00 3653205.20 918.86939 (10010109)
490053.00 3653205.20 856.19724 (10010109) 485853.00 3653405.20 1266.39303 (12011209)
486053.00 3653405.20 1729.56166 (12011209) 486253.00 3653405.20 1817.89321 (12011209)
486453.00 3653405.20 1772.10010 (12011209) 486653.00 3653405.20 1944.12288 (11011109)
489053.00 3653405.20 1228.59463 (10010109) 489253.00 3653405.20 1259.62332 (10010109)
489453.00 3653405.20 1263.99344 (10122309) 489653.00 3653405.20 1207.28772 (10122309)
489853.00 3653405.20 1210.24498 (10122309) 490053.00 3653405.20 1183.89927 (10122309)
485853.00 3653605.20 1209.89726 (10120809) 486053.00 3653605.20 1493.81462 (10120809)
486253.00 3653605.20 1300.47039 (10120809) 486453.00 3653605.20 1761.76667 (10120809)
486653.00 3653605.20 1800.04976 (10120809) 489053.00 3653605.20 3315.70406 (11121309)
489253.00 3653605.20 3007.92553 (11121309) 489453.00 3653605.20 2710.40354 (11121309)
489653.00 3653605.20 2482.61754 (11121309) 489853.00 3653605.20 2332.42851 (11121309)
490053.00 3653605.20 2138.71136 (11121309) 485853.00 3653805.20 1658.49043 (11123109)
486053.00 3653805.20 1510.61870 (11123109) 486253.00 3653805.20 1529.93942 (11123109)
486453.00 3653805.20 1863.51364 (10010909) 486653.00 3653805.20 2030.94413 (10010909)
489053.00 3653805.20 2935.33906 (12010309) 489253.00 3653805.20 2755.83807 (12010309)
489453.00 3653805.20 2503.50561 (12010309) 489653.00 3653805.20 2285.91279 (12010309)
489853.00 3653805.20 2092.36027 (11121309) 490053.00 3653805.20 2016.59174 (11121309)
485853.00 3654005.20 1464.71077 (10010909) 486053.00 3654005.20 1268.95697 (10010909)
486253.00 3654005.20 1195.83835 (10010709) 486453.00 3654005.20 1816.32381 (10010709)
486653.00 3654005.20 2426.25652 (10010709) 489053.00 3654005.20 2069.98431 (12122310)
489253.00 3654005.20 2129.03311 (12122310) 489453.00 3654005.20 1956.93818 (12122310)
489653.00 3654005.20 1806.69723 (12010309) 489853.00 3654005.20 1866.65073 (12010309)
490053.00 3654005.20 1883.02858 (12010309) 485853.00 3654205.20 1333.70127 (10010709)
486053.00 3654205.20 1738.05440 (10010709) 486253.00 3654205.20 1765.94630 (10010709)
486453.00 3654205.20 1892.38548 (10010709) 486653.00 3654205.20 1872.96183 (12010609)

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
*** AERMET - VERSION 19191 *** *** *** 12:26:42
*** MODELoptS: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 54
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL1 , VOL2 , VOL3 , VOL4 , VOL5 ,
VOL6 , VOL7 , VOL8 , VOL9 , VOL10 , VOL11 , VOL12 , VOL13 ,
VOL14 , VOL15 , VOL16 , VOL17 , VOL18 , VOL19 , VOL20 , VOL21 ,
VOL22 , VOL23 , VOL24 , VOL25 , VOL26 , VOL27 , VOL28 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
489053.00 3654205.20 2763.88990 (11123009) 489253.00 3654205.20 2492.88712 (11123009)
489453.00 3654205.20 1874.97947 (11123009) 489653.00 3654205.20 1511.18188 (12122310)
489853.00 3654205.20 1609.89069 (12122310) 490053.00 3654205.20 1587.80174 (12122310)
485853.00 3654405.20 1447.66661 (10010709) 486053.00 3654405.20 1485.15385 (10010709)
486253.00 3654405.20 1340.58680 (12010609) 486453.00 3654405.20 1375.23656 (12010609)
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486653.00	3654405.20	924.07297	(12010609)	489053.00	3654405.20	1545.52497	(10012509)
489253.00	3654405.20	2142.49531	(11123009)	489453.00	3654405.20	2395.22260	(11123009)
489653.00	3654405.20	2222.97092	(11123009)	489853.00	3654405.20	1783.38321	(11123009)
490053.00	3654405.20	1288.93505	(11123009)	488553.00	3654605.20	1125.03254	(12010609)
486053.00	3654605.20	1130.49795	(12010609)	486253.00	3654605.20	748.55991	(12010609)
486453.00	3654605.20	653.16772	(12121109)	486653.00	3654605.20	1152.78892	(12121109)
489053.00	3654605.20	1810.07493	(12123009)	489253.00	3654605.20	1452.49209	(10012509)
489453.00	3654605.20	1473.56126	(11123009)	489653.00	3654605.20	1949.18654	(11123009)
489853.00	3654605.20	2140.65854	(11123009)	490053.00	3654605.20	2051.02577	(11123009)
485853.00	3654805.20	710.76181	(12010609)	486053.00	3654805.20	472.06296	(1112809)
486253.00	3654805.20	620.71432	(12121109)	486453.00	3654805.20	965.87980	(12121109)
486653.00	3654805.20	1014.85815	(12121109)	486853.00	3654805.20	577.88238	(12121209)
487053.00	3654805.20	460.14741	(12121209)	487253.00	3654805.20	429.15706	(12021509)
487453.00	3654805.20	797.11136	(10121209)	487653.00	3654805.20	1230.49951	(10121209)
487853.00	3654805.20	927.72285	(10121716)	488053.00	3654805.20	1072.22098	(12122309)
488253.00	3654805.20	1011.87021	(12112409)	488453.00	3654805.20	895.51143	(10012809)
488653.00	3654805.20	850.19083	(10012809)	488853.00	3654805.20	1604.57431	(12123009)
489053.00	3654805.20	3278.81154	(12123009)	489253.00	3654805.20	1307.31856	(10012409)
489453.00	3654805.20	1332.83163	(10012409)	489653.00	3654805.20	1130.35414	(10012509)
489853.00	3654805.20	1434.33350	(11123009)	490053.00	3654805.20	1117.24373	(10121009)
485853.00	3655005.20	407.82409	(11112809)	486053.00	3655005.20	629.11774	(12121109)
486253.00	3655005.20	848.22079	(12121109)	486453.00	3655005.20	823.82087	(12121109)
486653.00	3655005.20	574.40464	(12121109)	486853.00	3655005.20	528.39048	(12121209)
487053.00	3655005.20	358.38295	(12021509)	487253.00	3655005.20	493.60957	(10121209)
487453.00	3655005.20	973.57846	(10121209)	487653.00	3655005.20	997.54926	(10121209)
487853.00	3655005.20	745.57500	(10121716)	488053.00	3655005.20	854.45945	(12122309)
488253.00	3655005.20	554.99401	(11113009)	488453.00	3655005.20	668.39571	(11122909)
488653.00	3655005.20	758.23792	(11122909)	488853.00	3655005.20	663.33769	(10012809)
489053.00	3655005.20	1320.23343	(12123009)	489253.00	3655005.20	1458.35239	(12123009)
489453.00	3655005.20	1633.18123	(12123009)	489653.00	3655005.20	1214.85246	(10012409)
489853.00	3655005.20	1120.75579	(10012509)	490053.00	3655005.20	870.95377	(10012509)
485853.00	3655205.20	656.81295	(12121109)	486053.00	3655205.20	834.58646	(12121109)
486253.00	3655205.20	743.49238	(12121109)	486453.00	3655205.20	435.06292	(12121109)
486653.00	3655205.20	513.80785	(12121209)	486853.00	3655205.20	337.09065	(12122311)
487053.00	3655205.20	329.50115	(12021509)	487253.00	3655205.20	564.28308	(10121209)

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*** MODELPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

		*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL		***	
		INCLUDING SOURCE(S):					
		VOL1	VOL2	VOL3	VOL4	VOL5	
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF DPM		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487453.00	3655205.20	735.62659	(10121209)	487653.00	3655205.20	801.85732	(10121209)
487853.00	3655205.20	813.13645	(10121716)	488053.00	3655205.20	704.51187	(12122309)
488253.00	3655205.20	497.34020	(12122309)	488453.00	3655205.20	469.60307	(11122909)
488653.00	3655205.20	705.11645	(11122909)	488853.00	3655205.20	739.45595	(10012809)
489053.00	3655205.20	1144.24869	(11011209)	489253.00	3655205.20	2538.43407	(12123009)
489453.00	3655205.20	2619.28770	(12123009)	489653.00	3655205.20	1546.07785	(12123009)
489853.00	3655205.20	1119.27267	(10012409)	490053.00	3655205.20	540.92544	(10012509)
485853.00	3655405.20	743.51462	(12121109)	486053.00	3655405.20	678.10235	(12121109)
486253.00	3655405.20	462.25850	(12121109)	486453.00	3655405.20	489.72759	(12121209)
486653.00	3655405.20	328.22266	(12121209)	486853.00	3655405.20	336.44943	(12021509)
487053.00	3655405.20	306.39951	(10121209)	487253.00	3655405.20	536.50467	(10121209)
487453.00	3655405.20	727.43282	(10121209)	487653.00	3655405.20	708.61645	(12120309)
487853.00	3655405.20	459.86015	(10121716)	488053.00	3655405.20	601.54060	(12122309)
488253.00	3655405.20	496.34852	(12122309)	488453.00	3655405.20	380.01386	(12112409)
488653.00	3655405.20	580.18573	(11122909)	488853.00	3655405.20	703.05746	(10012809)
489053.00	3655405.20	930.05122	(11011209)	489253.00	3655405.20	1341.05864	(12123009)
489453.00	3655405.20	2414.17853	(12123009)	489653.00	3655405.20	2387.08242	(12123009)
489853.00	3655405.20	1455.67146	(12123009)	490053.00	3655405.20	1019.23700	(10012409)
485853.00	3655605.20	578.70819	(12121109)	486053.00	3655605.20	380.24441	(12121109)
486253.00	3655605.20	420.72139	(12121209)	486453.00	3655605.20	350.37012	(12121209)
486653.00	3655605.20	265.58928	(12021509)	486853.00	3655605.20	295.50035	(12021509)
487053.00	3655605.20	331.89562	(10121209)	487253.00	3655605.20	483.92864	(10121209)
487453.00	3655605.20	544.95588	(10121209)	487653.00	3655605.20	631.76567	(12120309)
487853.00	3655605.20	404.43255	(10121716)	488053.00	3655605.20	528.19904	(12122309)
488253.00	3655605.20	490.66703	(12122309)	488453.00	3655605.20	416.65581	(11113009)
488653.00	3655605.20	441.70689	(11122909)	488853.00	3655605.20	1192.35223	(11122909)
489053.00	3655605.20	1047.40461	(11122909)	489253.00	3655605.20	869.85676	(11011209)
489453.00	3655605.20	1447.82855	(12123009)	489653.00	3655605.20	2291.75181	(12123009)
489853.00	3655605.20	2195.45081	(12123009)	490053.00	3655605.20	1379.83482	(12123009)
487801.04	3653682.18	18840.01041	(12010609)	487803.63	3653554.46	24462.24901	(11121209)
487834.65	3653506.37	22874.84262	(11121209)	487875.50	3653531.70	18931.53689	(11121209)
487897.22	3653541.53	20702.45017	(11121209)	487927.21	3653553.42	18052.73589	(12111809)
487967.03	3653561.69	15871.74744	(12111809)	487993.40	3653564.28	14386.03569	(12111809)
487994.95	3653682.69	26954.08129	(12123009)	487801.47	3653660.89	22814.65078	(12121709)
487801.90	3653639.61	23613.92782	(12121709)	487802.33	3653618.32	22915.54980	(12121709)
487802.77	3653597.03	22546.79689	(11121209)	487803.20	3653575.75	24350.95071	(11121209)
487813.97	3653538.43	24133.52246	(11121209)	487824.31	3653522.40	24915.45493	(11121209)
487855.08	3653519.04	20009.41215	(11121209)	487912.21	3653547.47	21848.83062	(11121209)
487947.12	3653557.56	15415.14197	(10122316)	487980.22	3653562.99	15360.51328	(12111809)
487993.71	3653587.96	25677.45388	(11121309)	487994.02	3653611.64	27223.37696	(11121309)

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*** MODELPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data

		*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION		VALUES FOR SOURCE GROUP: ALL		***	
		INCLUDING SOURCE(S):					
		VOL1	VOL2	VOL3	VOL4	VOL5	
VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	, VOL13
VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21
VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, . . .

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF DPM				IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
487994.33	3653635.33	27001.33049	(11121309)	487994.64	3653659.01	26396.95592	(12123009)	487994.64	3653659.01	26396.95592	(12123009)
487970.71	3653682.63	27765.60269	(12123009)	487946.47	3653682.56	26846.40726	(12123009)	487946.47	3653682.56	26846.40726	(12123009)
487922.23	3653682.50	25768.05682	(12123009)	487898.00	3653682.44	23343.30017	(12123009)	487898.00	3653682.44	23343.30017	(12123009)
487873.76	3653682.37	20911.34968	(12123009)	487849.52	3653682.31	18553.77089	(12123009)	487849.52	3653682.31	18553.77089	(12123009)
487825.28	3653682.24	18930.01526	(10010709)								

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
 *** AERMET - VERSION 19191 *** *** 12:26:42
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 57

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

** CONC OF DPM				IN MICROGRAMS/M**3				**			
GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID						
ALL	HIGH 1ST HIGH VALUE IS 27765.60269	ON 12123009: AT (487970.71, 3653682.63,	150.12, 337.00,	0.00)	DC						

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

*** AERMOD - VERSION 23132 *** *** Cambridge School HRA *** 06/11/24
 *** AERMET - VERSION 19191 *** *** 12:26:42
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL RURAL SigA Data PAGE 58

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

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

A Total of 0 Fatal Error Message(s)
 A Total of 38 Warning Message(s)
 A Total of 793 Informational Message(s)
 A Total of 26304 Hours Were Processed
 A Total of 353 Calm Hours Identified
 A Total of 440 Missing Hours Identified (1.67 Percent)

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

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

ME W186 387	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
MX W403 387	PFLCNV: Turbulence data is being used w/o ADJ_U* option	SigA Data
MX W441 14167	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081407
MX W441 14168	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081408
MX W441 14169	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081409
MX W441 14170	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081410
MX W441 14171	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081411
MX W441 14172	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081412
MX W441 14173	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081413
MX W441 14174	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081414
MX W441 14175	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081415
MX W441 14176	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081416
MX W441 14177	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081417
MX W441 14178	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081418
MX W441 14191	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081507
MX W441 14192	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081508
MX W441 14193	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081509
MX W441 14194	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081510
MX W441 14195	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081511
MX W441 14196	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081512
MX W441 14197	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081513
MX W441 14198	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081514
MX W441 14199	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081515
MX W441 14200	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081516
MX W441 14201	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081517
MX W441 14202	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081518
MX W441 14215	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081607
MX W441 14216	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081608
MX W441 14217	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081609
MX W441 14218	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081610
MX W441 14219	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081611
MX W441 14220	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081612
MX W441 14221	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081613
MX W441 14222	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081614
MX W441 14223	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081615
MX W441 14224	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081616
MX W441 14225	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081617
MX W441 14226	METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=	11081618

 *** AERMOD Finishes Successfully ***
